

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

A Plastic Ocean is a film, to make you think. Think, and then act. We need to take action on our dependence on plastic. We have been producing plastic in huge quantities since the 1940s. Drink bottles, shopping bags, toiletries, and even clothes are made with plastic. We live in a world full of plastics and only a small proportion is recycled. What happens to all the rest? This is the question the film A Plastic Ocean answers. It is a documentary that looks at the impact that plastic waste has on the environment. The impact is devastating.

The film begins as a journey to film the largest animal on the planet, the blue whale. But during the journey, the filmmakers make the shocking discovery of a huge, thick layer of plastics floating in the middle of the Indian ocean. This prompts them to travel around the world to look at other areas that have been affected. In total, they visited 20 locations around the world during the four years it took them to make the film.

It is very clear that a lot of research went into the film. There are beautiful shots of the seas and marine life. These are contrasted with scenes of polluted cities and dumps full of plastic rubbish, We see how marine species are being killed by all the plastic we are dumping in the ocean. The message about our use of plastic is painfully obvious.

کنکور سراسری علوم انسانی خارج از کشور ۱۴۰۰

1 What is the author's main purpose in the passage?

- 1) To compare several filmmakers
- 2) To suggest a solution to a problem
- 3) To explain the causes of plastic dumping
- 4) To provide details about a documentary

2 The phrase "the rest" in paragraph I refers to ----- .

- 1) plastic that is not recycled
- 2) the world which is full of plastic
- 3) the question A Plastic Ocean answers
- 4) a small amount of plastic which is not reused

3 According to the passage, the filmmakers who are shown in A Plastic Ocean ----- .

- 1) are against blue whale hunting
- 2) do not plan to make a film about plastic pollution at first
- 3) spend over 4 years working in the Indian ocean
- 4) do not film location which are far away

4 According to the passage, which of the following statements about A Plastic Ocean is TRUE?

- 1) It is based on extensive research.
- 2) It takes attention away from marine life problems.
- 3) It mostly contains scenes of polluted cities.
- 4) It is hard for nonscientists to understand.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

What's the most useful way of learning a language? Is it writing essays or doing grammar exercises? The answer is clear --- whatever you like doing. Evidence shows that the most successful language learners are those who find something they like to do with their chosen language and do it again and again. And it doesn't really matter what the activity is.

Some of the clearest evidence of this has come through research into reading. Stephen D. Krashen, a well-known second language researcher, decided to look at how well language learners who read for fun did in grammar tests. He discovered that they better than people who went on courses and it wasn't important what books they read.

To prove this, he gave students books from series called Sweet Valley High. These are popular books about teenage life. Although the books' literary quality may not have been high, the readers made good progress in vocabulary, reading, and speaking tests. In a separate case study, a girl improved her writing so much that her angry teacher accused her of copying. The only explanation she had was that she'd started reading regularly.

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5 What is the primary purpose of the passage?

- 1) To introduce a researcher and his recent findings
- 2) To prove the inaccuracy of a commonly held view
- 3) To answer a question related to learning a language
- 4) To describe one of the most important research findings

6 It can be concluded from the passage that the people who took part in Krashen's study --
----- .

- 1) spoke English as their native language
- 2) had already learned a second language fully
- 3) liked to read book with a high literary quality
- 4) were interested in reading in a foreign language

7 Why has the author mentioned "a separated case study" in paragraph 3?

- 1) To argue that reading is useful for girls as well as boys
- 2) To show that practice in reading effects one's progress in other language-related areas
- 3) To prove that giving learners practice in writing is as effective as giving them practice in reading
- 4) To conclude that writing in a foreign language can make people turn to reading texts more regularly

8 Which of the following statements is supported by the passage?

- 1) If second language learners find something fun to do each of the four language skills, they soon realize the reading is the most enjoyable language skill.
- 2) Language learners learn best when their teachers focus on one basic language skill most of the time.
- 3) People can learn language faster if and only if they read passage as often as possible.
- 4) The best strategy to follow to learn a language may vary from person to person.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

A team of social psychologists has spent six years studying the reactions of people in cities around the world to different situations. The results show that cities where people have less money generally have friendlier populations. Rio de Janeiro in Brazil, which is often known for its crime, come out top, and the capital of Malawi, Lilongwe, comes third. But what makes one city friendlier than other?

The researchers who did the study say it has got more to do with environment than culture or nationality. They carried out a study into the way locals behaved towards strangers in 23 cities around the world. The team conducted their research through a series of tests. Where the dropped pens or pretended they were blind and needed help crossing the street. The study concludes that people are more helpful in cities with a more relaxed way of life such as Rio. While they were there, researchers received help in 93 percent of cases, and the percentage in Lilongwe was only a little lower.

However, inhabitants of Amsterdam and New York are considered the least friendly. Inhabitants of Amsterdam helped the researchers in 53 percent of cases and in New York just 44 percent. The psychologists found that, in these cities, people tend to be short of time, so they hurry and often ignore strangers.

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9 What is the best title for the passage?

- 1) The World's Friendliest Cities
- 2) Psychology of Friendly People
- 3) Friendliness in Different cultures
- 4) Friendliness: A Common Human Behavior

10 According to the passage if you are unable to see but need help, where are you the least likely to get help from people when you need it?

- | | |
|-------------|--------------|
| 1) Rio | 2) Lilongwe |
| 3) New York | 4) Amsterdam |

11 The word "it" in paragraph 2 refers to ----- .

- | | |
|----------------|-----------------|
| 1) study | 2) behavior |
| 3) environment | 4) friendliness |

12 The passage provides enough information to answer which of the following questions?

- 1) How did the researchers manage to measure people's wealth in the cities studied?
- 2) What method did the researchers use to collect data for their experiment?
- 3) How many cities were excluded from the study reported in the passage?
- 4) What kind of people are more likely to get the help they ask for?

Cloze

Directions: Read the following passage and decide which choice (1), (2), (3), or (4) best fits each space.

Della had a sad experience (13) ----- driving home last night. She traveled along the dark, winding road (14) ----- toward her home. She was only two miles from her house when she saw a glimmer of light in the road. The next thing she knew, she heard a sickening sound and realized she had (15) ----- an animal. The light, she realized, had been its eyes (16) ----- in her car's headlights. Della stopped the car and run back to see what she had hit. It was a handsome cocker spaniel with blond fur and long ears. As she looked more (17) ----- at the still form, she realized there was nothing to be done. The dog was dead.

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13

- | | |
|-----------|----------|
| 1) for | 2) by |
| 3) during | 4) while |

14

- | | |
|------------|-----------------|
| 1) led | 2) that led |
| 3) to lead | 4) which it led |

15

- | | |
|---------|-----------|
| 1) lost | 2) caught |
| 3) hit | 4) quite |

16

- | | |
|---------------|--------------|
| 1) endangered | 2) generated |
| 3) reflected | 4) informed |

17

- | | |
|--------------|-----------------|
| 1) carefully | 2) safely |
| 3) widely | 4) accidentally |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

For some of us, playing computer games can be considered a "guilty pleasure" which we may feel embarrassed by or feel we can't discuss properly. Unfortunately, gaming has had his unnecessary stigma ever since arcade machines. Some of us just don't understand why video games are so attractive. But have we ever asked why or even tried explaining our love for the art beyond the simple fact that it's fun? Isn't there more to it than that?

The short answer to this, is "challenge". Have you ever watched a film or listened to a piece of music? Of course you have, who hasn't! Our enjoyment from these comes from stories, the music, the lyrics, the characters, the twists and the turns along with how we respond to them on an emotional level. A big reason why watching a film or listening to a song is so common for us is because it's easy! Push a button, plug in your headphones and you're away. Media in this sense is given to us as one without any input from ourselves.

Now imagine if you were watching a film and it suddenly stopped. You as the viewer are then tasked with controlling the world pushing characters along, resolving conflicts, making the important decisions and finally progressing the story to a conclusion. Sound fun? Well, that's ultimately what a game is. We are in charge of the story.

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18

What does the passage mainly discuss?

- 1) Why playing computer games seems interesting
- 2) Effects of computer games on people playing them
- 3) Positive and negatives of people playing video games
- 4) Differences between watching TV and playing video games

19) What is the function of the first paragraph in relation to the whole passage?

- 1) It gives a brief explanation about the beginnings of a popular event the passage generally discusses.
- 2) It summarizes the views of those people against computer games, as discussed in the passage.
- 3) It gives a brief explanation about the beginnings of a popular event the passage generally discusses.
- 4) It generally describes an art form that resulted in computer games later discussed in detail in the passage.

20) Why does the author mention "a film" and "a piece of music" in paragraph 2?

- 1) To explain why they are so popular
- 2) To show how they were replaced by computer games
- 3) To prove that whatever engages our senses is attractive
- 4) To use examples to try explain the main point of the passage

21) What is the main purpose of the phrase "Sound fun?" in paragraph 3?

- 1) To ask the reader for help
- 2) To get the reader's agreement
- 3) To make the reader a bit confused
- 4) To make the reader change his/her mind

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

OK, I'm going to talk about influence of nature versus nurture. And I'd like to begin by stating that, as I see it, by far the strongest influence has to be "nature". The reason I think this is that I believe the way we're trained in the home environment will have a much stronger influence on how we behave than anything that's in our genes. I mean, some people will argue that our abilities are determined pretty much exclusively by our genes, so if your father was a great scientist with natural ability for mathematics, then there's a pretty good chance that you might inherit that same ability.

Personally, I think it's not acceptable to suggest this. I think that when a parent has a particular strength, or interest, or achieves something wonderful in a particular field, then the chances are that when they have children, they will try to transfer to the children the same kind of interest; they will pass on their knowledge, their passion for the subject, and so they are quite likely to engage the child in activities related to that field, perhaps for a quite a lot of the child's time. And it's as a result of this that the child may also develop strengths or abilities in the same field. I absolutely deny the idea that nature endows us with these inborn abilities. I mean, you can be born with the best natural musical ability in the universe, but if you don't practice the piano, then nothing will come of it. On the other hand, I think you can teach people to do just about anything, so long as you dedicate time and give child the right kind of encouragement, or put them in the right situation.

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22 Which of the following words or phrases is the word "nurture", as it is used in the passage, closest in meaning to?

- | | |
|--------------------------------------|---|
| 1) Pre-determined ability | 2) Interest in learning new skills |
| 3) The abilities stored in our genes | 4) Learning through training and experience |

23 Which of following best describes the author's attitude toward the belief of those people who argue that our abilities are determined pretty much exclusively by our genes?

- | | |
|-----------|----------------|
| 1) Praise | 2) Agreement |
| 3) Doubt | 4) Disapproval |

24 What does the phrase "that field" in the passage refer to?

- 1) What interests said
- 2) What a parent is good at
- 3) What is inborn a child
- 4) What is needed to make a child successful

25 According to the author, if a baby girl is born with an excellent ability to play the piano, she ----- .

- 1) will for sure turn out to be a great pianist
- 2) needs her parents "emotional support", more than anything else, to succeed
- 3) has one of the necessary conditions to become a great pianist, but this is not enough
- 4) could then transfer this inner ability to other fields only if those fields are art-related

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Culture shock begins with the "honeymoon stage". This is the period of time when we, travelers, first arrive on a foreign country. In this stage, everything about new culture is strange and exciting. We may be suffering from "jet lag" but we are thrilled to be in the new environment, seeing new sight, hearing new sounds and language, eating new kind of food. This honeymoon stage can last for quite a long time because we feel we are involved in some kind of great adventure.

Unfortunately, the second stage of culture shock can be more difficult. After we have settled down into our new life, working or studying, buying groceries, doing laundry, or living with a home-stay family, we can become very tired and begin to miss our homeland and our family, friend, pets. All the little problems that everybody in life has seem to be much bigger and more disturbing when you face them in foreign culture. This period of cultural adjustment can be very difficult and lead to the new arrival rejecting or pulling away from the new culture. This "rejection stage" can be quite dangerous because the visitor may develop unhealthy habits (smoking too much, being too concerned over food or contact with people from the new culture). This can, unfortunately, lead to the person getting sick or developing skin infections or rashes which then makes the person feel even more scared and confused the helpless. This stage is considered a crisis in the process of cultural adjustment many people choose to go back to their homeland or spend all their time with people from their own culture speaking their native language.

کنکور سراسری علوم انسانی خارج از کشور ۱۴۰۰

26 What does the passage mainly discuss?

- 1) Who suffers most in the first and second stages of culture shock
- 2) Culture shock and success in a foreign country
- 3) Difficulties of moving to a foreign country
- 4) The first two stages of culture shock

27 It is suggested in paragraph 1 that in the honeymoon stage hearing new sounds and languages ----- .

- 1) has a positive influence on travelers
- 2) sometimes makes travelers confused
- 3) is the most important source of entertainment for travelers
- 4) is more enjoyable for travelers than eating new kinds of food

28 The word "that" in paragraph 2 refers to ----- .

- 1) life
- 2) problems
- 3) everybody
- 4) culture

29 Which of the following statements about a person in the rejection stage is NOT supported by the information in paragraph 2?

- 1) They may experience homesickness.
- 2) They may develop physical problems
- 3) They may feel they are wasting their kinetic energy.
- 4) They may develop habits that are harmful to their health

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Avocado's recent popularity growth is hard to ignore. As I have recently discovered from my recent trips around Europe, avocado is enjoying popularity beyond my native country. It is now on offer in most cafes and restaurants, especially when paired with poached eggs to create a delicious breakfast/lunch. On my recent trip to Berlin, I was delighted by avocado chocolate cake which seemed like a healthier and more nutritious option than the normal version. I bought it in a vintage bike caf . I tried it and it was delicious. Another day I went to a coffee place where the menu also offers avocado in all shapes and forms. My combination of toast, avocado, tomato jam, and hummus was fantastic. It got me thinking: is this avocado craze explained by scientific fact? So I decided to do a bit of research: what health benefits does avocado have to offer?

Well, there are quite a few reasons why avocado is described as a superfood . Avocado is packed full of important vitamins and minerals. It has numerous health benefits. In many ways, it helps us stay beautiful. It helps our digestive system which means it aids weight loss. It keeps our skin looking healthier and younger and our hair strong. It also has a positive impact on the inside of our bodies! It helps prevent heart disease because it helps us maintain low cholesterol levels. It also strengthens bones and helps our blood sugar levels stay at a healthy level.

کنکور سراسری ریاضی و فیزیک خارج از کشور ۱۴۰۰

کنکور سراسری هنر خارج از کشور ۱۴۰۰

کنکور سراسری زبان خارج از کشور ۱۴۰۰

کنکور سراسری علوم تجربی خارج از کشور ۱۴۰۰

30 What does the passage mainly discuss?

- 1) An interesting incident
- 2) Different types of avocado in Europe
- 3) A popular fruit and its advantages for health
- 4) Why a type of fruit is described as a superfood

31 Which of the following best describes the author's attitude toward avocado?

- | | |
|--------------|--------------|
| 1) Emotional | 2) Positive |
| 3) Balanced | 4) Concerned |

32 According to the passage, the writer ----- .

- 1) went on a trip to do research about avocado
- 2) tried avocado only in his/her favorite place
- 3) decided to collect information about avocado
- 4) introduced new combinations of avocado to other people on his/her trips around Europe

33 According to paragraph 2, which of the following is NOT TRUE about avocado?

- 1) It keeps our blood sugar at a safe level.
- 2) It contains important vitamins and minerals
- 3) The inside and the outside of our bodies are influenced by it.
- 4) It cures heart disease by controlling cholesterol levels.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Vegans can be hard to cook for. Like vegetarians, they do not eat meat. But they also rule out other animal products, like eggs, milk and sometimes even honey. There are different reasons people choose to be vegan, like animal welfare or as a way to eat healthier. But there is another reason that has been getting a lot of attention recently, last month, a big study came out looking into the effect our food has on the environment. And it found that eating less meat is one of the most important things we can do to help the planet. You see, a huge amount of the earth's resources goes into raising livestock for meat. In some places, forests are cleared to make a pace for animals and to grow their food. They also use a lot of water. And these ones in particular create a lot of carbon emissions. Cows are responsible for about 16 percent of the world's greenhouse gas emissions, the study says, to prevent permanent damage to our planet, the average world citizen needs to eat 75 percent less beef, and 50 percent fewer eggs. Of course, not everyone is going to go vegan or give up eating meat completely. But swapping your beef for beans or your chicken for chickpeas every so often might not be such a bad idea.

کنکور سراسری ریاضی و فیزیک خارج از کشور ۱۴۰۰

کنکور سراسری هنر خارج از کشور ۱۴۰۰

کنکور سراسری زبان خارج از کشور ۱۴۰۰

کنکور سراسری علوم تجربی خارج از کشور ۱۴۰۰

34 What does the passage mainly discuss?

- 1) Some animal products
- 2) The importance of eating less meat
- 3) Common interests of vegan and vegetarians
- 4) The relationship between our food and our health

35 Based on the information in the passage, which of the following is NOT one of the reasons why people choose to be vegan?

- 1) They want to be unique
- 2) They want to support animals
- 3) They want to have a healthier diet
- 4) They want to help protect the environment

36 The word "they" in the passage refers to ----- .

- | | |
|--------------|---------------------|
| 1) animals | 2) forests |
| 3) resources | 4) carbon emissions |

37 It is suggested in the passage that raising animals for food ----- .

- 1) cannot be prevented because it is a money making business
- 2) is as important as growing beans and chickpeas
- 3) is not a bad idea despite what studies say
- 4) has harmful effect on our planet

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Brainstorm a list of all the things that make you happy. Just write whatever comes into your mind without thinking about it too much. Now look at that list and tick all the ones that are fun or enjoyable. Probably most of them, right? So, if you could spend most of your time doing all this fun stuff, you would be really happy, surely?

Well, maybe not. For most people, only doing things for fun is not enough for long-term happiness. That is because, according to author of *Happiness by Design* Paul Dolan, your happiness depends on a 'pleasure-purpose balance'. If most of the things on your list of what makes you happy fall under the category of 'pleasure,' then that might be what you think makes you happy. But what will actually make you happy is balancing them out with activities that give your life purpose.

We tend to know straight away if something is enjoyable, but knowing what brings meaning and value requires more thought. For example, most people will say that air pilots have jobs with clear purpose. They are responsible for hundreds of people and fly all over the world. But in reality, their day-to-day work might involve spending time in boring hotels or stuck in airports waiting for flights, and routine actions they have performed hundreds of times. Those activities might not feel very meaningful- and they are probably not fun either. Just like everyone else, the pilot needs balance in their work and life to be happy.

کنکور سراسری علوم انسانی داخل ۱۴۰۰

38 The author's main purpose in the passage is to discuss -----

- 1) why doing fun activities is enough for our happiness
- 2) what actually makes people happy
- 3) the reasons for happiness
- 4) the effects of happiness

39 According to the passage, in *Happiness by Design*, Paul Dolan -----

- 1) answers a question
- 2) describes an experiment
- 3) supports an old way of thinking
- 4) provides interesting examples

40 The word "requires" in paragraph 3 is closest in meaning to -----

- 1) needs
- 2) receives
- 3) makes
- 4) depends

41 It is suggested in paragraph 3 that air pilots' work -----

- 1) never makes them want to give up
- 2) does not involve the repetition of certain tasks
- 3) may not be as meaningful as people commonly think
- 4) is considered to be both fun and purposeful by pilots themselves

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Netball is particularly popular in the UK, Australia and New Zealand and I have played this wonderful game since I was at primary school. It is a team sport which is similar to both basketball and handball. There are seven players on each team and they each wear a bib which shows the name of the position they play. Players must throw the ball to one another and the aim of the game is to pass the ball to the 'Goal Shooter' or 'Goal Attack' who can shoot the ball into the net to score a goal. However, the key aspects of netball are that you cannot bounce the ball and you cannot move your feet when you have the ball. This is called the footwork rule and it can be quite difficult to grasp for young children playing the game! A full match lasts for one hour and in a single match often about 100 goals are scored which shows what a fast-paced and exciting game netball is!

Netball is typically played by women and girls. However, at many universities, there are mixed netball leagues in which teams must have both male and female players. In the UK, there are many different schemes to try to inspire people to play netball. One such scheme is called 'Back to Netball' which encourages women who have not played netball since they were at school to rediscover their love for the sport and get back on the court! Walking netball is another variation of the sport aimed at older Women and those who want to exercise in a gentler way. So, why not watch a video of netball online and then have a go for yourself?

42 What is the author's main purpose in the passage?

- 1) To explain the rules of netball
- 2) To compare netball and walking netball
- 3) To give information about a specific sport
- 4) To explain the reasons for the popularity of a particular sport

43 The word "this" in paragraph 1 refers to which of the following?

- 1) That you cannot bounce the ball
- 2) That the aim of the game is passing the ball to the "Goal Shooter"
- 3) That you are not allowed to move your feet when you have the ball
- 4) That it can be quite difficult to grasp for young children playing the game

44 It is stated in the passage that 'Back to Netball' is a plan that -----

- 1) is about a gentler way of exercising
- 2) makes online videos of netball available
- 3) motivates UK women to try netball again
- 4) supports both male and female netball players in the UK

45 There is NOT sufficient information in the passage to answer which of the following questions?

- 1) How long does a full netball match last?
- 2) Which sports can netball be compared to?
- 3) How do netball players show their position in the match?
- 4) Why is walking netball safer than all the other variations of netball?

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

If you think of the jobs robots could never do, you would probably put doctors and teachers at the top of the list. It is easy to imagine robot cleaners and factory workers, but some jobs need human connection and creativity. But are we underestimating what robots can do? In some cases, they already perform better than doctors at diagnosing illness. Also, some patients might feel more comfortable sharing personal information with a machine than a person. Could there be a place for robots in education after all?

Education expert Anthony Seldon thinks so. And he even has a date for the robot takeover of the classroom: 2027. He predicts robots will do the main job of transferring information and teachers will be like assistants. Intelligent robots will read students' faces, movements and maybe even brain signals. Then they will adapt the information to each student. It is not a popular opinion and it is unlikely robots will ever have empathy and the ability to really connect with humans like another human can.

One thing is certain, though. A robot teacher is better than no teacher at all. In some parts of the world, there are not enough teachers and 9-16 per cent of children under the age of 14 do not go to school. That problem could be partly solved by robots because they can teach anywhere and will not get stressed, or tired, or move somewhere for an easier, higher- paid job.

کنکور سراسری علوم تجربی داخل ۱۴۰۰

46 What does the passage mainly discuss?

- | | |
|--------------------------------------|--------------------------------------|
| 1) Robots in education | 2) How robots connect with humans |
| 3) Different types of robot teachers | 4) How education will change in 2027 |

47 The word "diagnosing" in paragraph 1 is closest in meaning to -----

- | | |
|--------------|----------------|
| 1) avoiding | 2) warning |
| 3) consuming | 4) identifying |

48 It is suggested in paragraph 2 that Anthony Seldon's prediction about robots -----

- 1) does not seem to come true
- 2) has not been explained properly
- 3) has made human teachers worried
- 4) has supporters all around the world

49 Which of the following statements is TRUE according to paragraph 3?

- 1) 9- 16% of children younger than 14 want to work, but not go to school.
- 2) Human teachers are not available in some parts of the world.
- 3) Robots can help human teachers feel less stressed or tired.
- 4) Most of the teachers are not paid enough money

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

A few decades ago, professional footballers spent their nights partying. Now, they are much more aware of the benefits of a good night's sleep.

The change began in the mid- 1990s, when mattress salesman Nick Littlehales contacted the manager of the Manchester United football team, Alex Ferguson, asking whether he had ever considered how sleep affected performance on the football field. Interested, Ferguson arranged for Littlehales to give a presentation to his team. Before long, the whole team had new mattresses and pillows, and Littlehales soon became football's leading mattress advisor. In 1998, he supplied mattresses for England's World Cup team, and at the 2004 Euros, he created individual sleep routines for every player.

Gradually, club managers began to pay more attention to scientific sleep research, and for good reason. In 2011, a sleep specialist discovered that increasing sleep to 8- 10 hours per night massively increased the speed and shot accuracy of basketball players. Other research shows that a single night of inadequate sleep can increase the risk of injury, and 64 hours of bad sleep reduces strength, power and balance, and can even cause the body to eat its own muscles!

50 What does the passage mainly discuss?

- 1) A complete change in sleeping habits
- 2) Club managers and their decisions
- 3) The importance of sleep in professional sports
- 4) The relationship between sleep and sports injury

51 According to the passage, Alex Ferguson -----

- 1) was attracted to Littlehales' idea
- 2) was amazed by his players' partying
- 3) had a strange experience in the mid- 1990s
- 4) asked Littlehales to create sleep routines for his players

52 The word "supplied" in paragraph 2 is closest in meaning to -----

- | | |
|------------|-------------|
| 1) ordered | 2) chose |
| 3) donated | 4) provided |

53 Which of the following best describes the function of the last sentence in paragraph 3?

- 1) It introduces the topic of the next paragraph.
- 2) It corrects a wrong belief which was described in the previous sentence.
- 3) It adds more information to support what was stated earlier in the paragraph.
- 4) It explains that the argument given in the previous sentence is not based on facts.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

I am a big fan of trying to save the environment, and this month is the WWF (World Wide Fund for Nature) annual Earth Hour. Earth Hour is an event where you turn off all non-essential lights and power between 8-9 pm; things like your TV, computer and console. However, you do not just sit at home in the dark for an hour. Instead, people gather in groups and have fun without using power. Things like dancing, fireworks and musical performances are popular and it is very fun to take part.

Many celebrities also take part in Earth Hour and this year is very important as it is the tenth year of the project. Earth Hour is not just about saving energy: people involved in Earth Hour have also planted a forest in Uganda, built solar panels in India and passed a law to protect the sea in Argentina.

I have taken part in Earth Hour every year for the last five years and I have been part of lots of activities at school and at university. Last year, for example, my university had an outdoor cycle cinema. At the cycle cinema, the only way to keep watching the film is to keep pedaling your bike, if everyone stops, then the screen turns off! Luckily, there were many of us to help keep the movie going and we took turns. Although it was very cold outside at night, we had hot chocolate and blankets for the people who were not cycling. Everyone who was there had a lot of fun.

کنکور سراسری ریاضی و فیزیک داخل ۱۴۰۰

54 What is the author's main purpose in the passage?

- 1) To introduce a particular event
- 2) To compare some fun activities
- 3) To trace the origin of Earth Hour
- 4) To describe some ways of saving energy

55 According to the passage, people who take part in Earth Hour -----

- 1) are especially interested in protecting nature in Uganda, India and Argentina
- 2) must not stay away from home between 8 and 9 p.m.
- 3) use less electricity for a certain period of time
- 4) turn off all lights for one hour

56 It is suggested in the passage that at the cycle cinema -----

- 1) the screen turned off few times
- 2) not everyone knew how to ride a bike
- 3) the author had to pedal his/her bike nonstop
- 4) cold did not make anyone feel uncomfortable

57 Which of the following best describes the author's attitude towards Earth Hour?

- 1) Annoyed
- 2) Uncertain
- 3) Surprised
- 4) Amused

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

How many planets are there in our galaxy? That is a tricky question to answer. Are there other planets that support life? That is exactly what the Kepler mission hopes to discover. NASA launched the Kepler space telescope, designed to find habitable planets, in 2009. So far it has discovered live new Earth- sized planets beyond our solar system. These planets are holler than the Earth- much too hot for life as we know it. The Kepler team predict that they will need at least three years and possibly longer to find an Earth-like planet.

The simplest requirement for a planet to have life (carbon-based life like on Earth) is for there to be liquid water (not frozen or gas) so the distance from the planet's sun and therefore temperature are important. There also needs to be the correct amount of air. If a planet is as small as Mars (half the size of Earth) its weak gravity means that it cannot hold on to air molecules. If a planet is Neptune sized (four times bigger than Earth) it has very strong gravity and too much air. So size matters loo.

The cost of the mission is approximately six hundred million dollars. It is scheduled to observe until 2013 but this could be extended. Will we be sad if we discover we are alone in our galaxy or happy if we find that we share it with other life forms?

58 What does the passage mainly discuss?

- 1) Features of five new Earth- sized planets
- 2) An endeavor to find Earth- like planets
- 3) Our solar system and its planets
- 4) Making a space telescope

59 The passage suggests that the Kepler mission -----

- 1) was inspired by another space mission
- 2) was not finished immediately after it started
- 3) did not seem to be as successful as other space missions
- 4) found planet with the same temperature as that of the Earth

60 Which of the following best describes the function of the underlined sentence in paragraph 2?

- 1) It describes a situation where the condition mentioned in the previous sentence cannot be met.
- 2) It provides the definition of a word mentioned in the previous sentence.
- 3) It provides a solution to a problem described in the previous sentence.
- 4) It draws a conclusion from the previous sentence.

61 There is enough information in the passage to answer which of the following questions?

- 1) How many planets are there in our galaxy?
- 2) How can Nasa reduce the cost of the Kepler mission?
- 3) What characteristics does a planet need to have in order to be able to support life?
- 4) Will we be sad if we discover we are alone in our galaxy or happy if we find that we share it with other life forms?

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

People who speak Swahili who want to communicate using a "compyuta", which is the Swahili word for computer, are unable to do so in their own language. It makes no difference that computers have huge hard drives and sophisticated software. They cannot operate in Swahili or other African languages, of which there are hundreds.

Soon, however, they may be able to. Linguists in Africa are working with information technology specialists to make computers operable to Africans who do not know any of the languages currently used on the Internet. Economics is bringing about this change. Microsoft sees a market for its software among Swahili speakers in East Africa. Google now has a search engine for speakers of Swahili in Kenya. Other software companies will probably soon develop products for African consumers. In addition to economics, there is another reason for making the computer accessible to Africans. Hundreds of African languages are dying out, and linguists view the computer as a way to save them. According to UNESCO estimates, 90 percent of the world's 6,000 languages are not on the Internet, and one language becomes extinct every day somewhere in the world. The hope is that computers can help save them.

کنکور سراسری ریاضی و فیزیک خارج از کشور ۱۳۹۹

کنکور سراسری هنر خارج از کشور ۱۳۹۹

کنکور سراسری زبان خارج از کشور ۱۳۹۹

کنکور سراسری علوم تجربی خارج از کشور ۱۳۹۹

62 Which of the following is true about the Swahili people, according to the passage?

- 1) They lack computer skills to enable them to use computers.
- 2) They are not willing to make use of the computer in their life.
- 3) They speak a language they cannot communicate with through the computer.
- 4) They do not have the hard drive and the necessary software to make computer use a reality.

63 The passage suggests that the number of languages in which people cannot operate through the computer is -----.

- 1) increasing on a daily basis
- 2) more than one
- 3) limited to African countries only
- 4) yet to be determined

64 It can be concluded from the passage that there are some Africans who -----.

- 1) speak languages that have no written format
- 2) are inventing languages that are sure to die out
- 3) have little trust in foreign companies' real intentions
- 4) are not familiar with any language other than their mother tongue

65 The author has mentioned UNESCO mainly in order to -----.

- 1) support an earlier statement
- 2) show the number of languages on the Internet
- 3) prove that it is the African languages that are most ignored
- 4) emphasize that saving languages from extinction is a global duty

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

The country of Australia has a vast area of land called "the outback", where few people live. If you live in the outback, chances are you're far from any town. And that means you're a long way from a school. So what do you do if you can't go to school? Well, school comes to you. Over 100 kids in the outback attend ASSOA - Alice Springs School of the Air. ASSOA students are connected by the Internet.

Some lessons happen in real time. When students log in, their teacher appears on their computer screens. She can talk to students, show an art project, or explain a science experiment. She can't see the students, but she can hear them. Students communicate with their teacher and with each other over the Internet, using their computers. But because students are in a "virtual" classroom and not at a physical school, they must still have a home tutor. The tutor can be a parent or a hired teacher. All tutors are trained to help students understand and complete their work.

ASSOA tries to create a school community. Every two weeks, students attend a virtual school assembly. Three times a year, all students travel to the town of Alice Springs. For an entire week, they leave the virtual classroom and enter a real one.

66 What is the best title for the passage?

- 1) A Look at Future
- 2) The Model of Australia
- 3) School is a Click Away
- 4) An Outback is Really an Outback

67 Which of the following can be inferred about towns in Australia?

- 1) They are Internet providers for people in the outback.
- 2) They are closer to the outback than to major cities.
- 3) They present education through the Internet.
- 4) They actually have physical schools.

68 Which of the following is true about kids in the outback, according to the passage?

- 1) Most of their lessons happen in real time.
- 2) They have teachers who visit them at home.
- 3) They have access to low educational standards.
- 4) They attend a physical school for a short time once every year.

69 According to the passage, the real-time virtual classes that the students have are classes in which -----.

- 1) the teacher can see the students
- 2) the students can see their teacher
- 3) the teacher is also each student's tutor
- 4) the students can't talk with one another

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

We spend a third of our lives doing it. Napoleon and Florence Nightingale got by on four hours a night. Thomas Edison claimed it was waste of time.

So why do we sleep? This is a question that has baffled scientists for centuries and the answer is, no one is really sure. Some believe that sleep gives the body a chance to recover from the day's activities but in reality, the amount of energy saved by sleeping for even eight hours is miniscule about 50 kCal, the same amount of energy in a piece of toast.

With continued lack of enough sleep, the part of the brain that controls language, memory, planning and sense of time is badly affected, practically shutting down. In fact, 17 hours of continuous wakefulness leads to a significant decrease in performance.

Research also shows that sleep-deprived individuals often have difficulty in responding to rapidly changing situations and making rational judgements. In real life situations, the end results are serious and lack of sleep is said to have been a contributory factor to a number of international disasters such as Exxon Valdez, Chernobyl, Three Mile Island and the Challenger shuttle explosion.

Sleep deprivation not only has a major impact on cognitive functioning but also on emotional and physical health. Disorders such as sleep apnoea which result in excessive daytime sleepiness have been linked to stress and high blood pressure.

Research has also suggested that sleep loss may increase the risk of fatness because chemicals and hormones that play a key role in controlling appetite and weight gain are released during sleep.

کنکور سراسری علوم انسانی خارج از کشور ۱۳۹۹

70 What does "it" in paragraph 1 refer to?

- 1) Focusing on Napoleon and Florence Nightingale
- 2) Getting by on four hours a night
- 3) Two thirds of our lives
- 4) Sleeping in general

71 Which of the following best describes the organization of the information in the passage?

- 1) A general claim is made and then denied in the light of new information.
- 2) A recommendation is made and the reasons supporting it are listed.
- 3) A question is asked and attempts are made to work out a solution.
- 4) A problem is mentioned and its causes are discussed.

72 The word "miniscule" in paragraph 2 is closest in meaning to -----.

- | | |
|----------|----------------|
| 1) rare | 2) basic |
| 3) exact | 4) unimportant |

73 All of the following are mentioned as possible results of sleeplessness EXCEPT -----.

- | | |
|-------------------|-----------------------------|
| 1) fatness | 2) loss of appetite |
| 3) poor judgement | 4) decreased memory ability |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Most people can readily bring up images inside their head-known as their mind's eye. But this year scientists have described a condition, aphantasia, in which some people are unable to visualize mental images. Niel Kenmuir, from Lancaster, has always had a blind mind's eye. He knew he was different even in childhood. My stepfather, when I couldn't sleep, told me to count sheep, and he explained what he meant, I tried to do it and I couldn't," he says. "I couldn't see any sheep jumping over fences, there was nothing to count."

Our memories are often tied up in images, think back to a birthday party or first day at school. As a result, Niel admits, some aspects of his memory are "terrible", but he is very good at remembering facts. And, like others with aphantasia, he struggles to recognize faces. Yet he does not see aphantasia as a disability, but simply a different way of experiencing life.

74 We can correctly infer from the passage that Niel Kenmuir -----.

- 1) didn't see his father when he was a child
- 2) was born in a city other than Lancaster
- 3) has adapted himself to his condition
- 4) now works as a researcher

75 According to the passage, Niel didn't count sheep because he -----.

- 1) couldn't imagine any
- 2) hadn't seen any before
- 3) wasn't familiar with math
- 4) didn't want to go to sleep

76 What is true about Niel's mind's eye, according to the passage?

- 1) It has weakened his memory.
- 2) It has caused him lots of trouble in life.
- 3) It has given him a different picture of the world around us.
- 4) It has in a sense enabled him to easily recognize strangers.

77 The author mentions "a birthday party or first day at school" in paragraph 2 mainly in order to -----.

- 1) describe the severity of aphantasia
- 2) show the relationship between human memories and images
- 3) emphasize the problems people with aphantasia have in relation to their true self
- 4) explain that a disability, whatever it may be, cannot make the affected person not enjoy life

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Efforts to explain how the pterosaurs became able to fly have led to suggestions that they launched themselves by jumping from cliffs, by dropping from trees, or even by rising into light winds from the crests of waves. Each explanation has its difficulties.

The first wrongly assumes that the pterosaurs' hind feet were similar to those of a bat and could serve as hooks by which the animal could hang in preparation for flight.

The second explanation seems unlikely because large pterosaurs could not have landed in trees without damaging their wings. The third calls for high waves to make flying possible. The wind that made such waves, however, might have been too strong for the pterosaurs to control their flight once airborne.

کنکور سراسری ریاضی و فیزیک خارج از کشور ۱۳۹۹
کنکور سراسری هنر خارج از کشور ۱۳۹۹
کنکور سراسری زبان خارج از کشور ۱۳۹۹
کنکور سراسری علوم تجربی خارج از کشور ۱۳۹۹

78 What question is the passage mainly concerned with?

- 1) What was the first bird?
- 2) Did the pterosaurs ever exist?
- 3) What made the pterosaurs be able to fly?
- 4) Why is our knowledge of the past so unclear?

79 The word "those" in the passage refers to -----.

- | | |
|-----------------|-----------------|
| 1) feet | 2) difficulties |
| 3) explanations | 4) pterosaurs |

80 Which of the following best describes the author's attitude towards the three explanations offered in the passage?

- | | |
|-------------|--------------|
| 1) Excited | 2) Shocked |
| 3) Confused | 4) Uncertain |

81 Which of the following statements, if true, would decrease the force of the reason brought in against the second explanation?

- 1) The pterosaurs always landed on the ground.
- 2) The pterosaurs were too big to be able to land at all.
- 3) The pterosaurs laid eggs in remote areas far from dense forests.
- 4) The pterosaurs' anatomy is not as much investigated as it has to.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

When we take part in an online class, where are our bodies? Our physical bodies are positioned in front of our computers, but our virtual bodies can be anywhere imagined. We indeed use this separation between the physical and virtual body when we talk on the telephone. I would disagree with Dreyfus that this split makes us anonymous, because in the online class our responses are always posted with our names attached.

But the fact that we have no physical presence, Dreyfus argues, means that any learning that occurs can only be intellectual, not practical. In other words, it is more on a theoretical level than involving a grasping and mastery of particular skills. He thinks that true learning can only take place from physically being somewhere and doing a particular activity, and it is only under these conditions that information becomes relevant and people come to meaningfully understand reality. But if this is true, how can anyone learn anything from a book, newspaper, television, radio, a letter, or e-mail? Is not the expression of the content more important than the medium through which it is expressed?

کنکور سراسری علوم تجربی داخل ۱۳۹۹

82 Which of the following is implied in the passage about the author's opinion about online classes?

- 1) They will never ever be accepted in educational circles.
- 2) They are useful devices to employ for teaching and learning.
- 3) They are more helpful for teaching practical skills than theoretical ideas.
- 4) There would come a time when they will replace physical classes altogether.

83 The word it in the passage refers to -----.

- | | |
|--------------------------|----------------------|
| 1) intellectual learning | 2) physical presence |
| 3) online class | 4) learning |

84 Why has the author mentioned "a book, newspaper, television, radio, a letter, or e-mail" near the end of the passage?

- 1) To question a claim made by Dreyfus
- 2) To refer to different ways of learning
- 3) To argue that technological progress is unavoidable
- 4) To make the reader remember that people have different learning preferences

85 There is enough information in the passage to answer which of the following questions?

- 1) What are some of the practical skills that are learned best through the medium of physical classes?
- 2) Why do we use the separation between the physical and virtual body when we talk on the telephone?
- 3) Why does the author believe that the separation between the physical and virtual body does not make us anonymous?
- 4) How is it that the author believes that the expression of the content is more important than the medium through which it is expressed?

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Throughout history, the difference between the old and the young has been a defining feature of both reality and literature. Parents have power over their children ... but as those children get older, they begin to put pressure on their parents' power. They test the rules; they rebel; they create their own rules. The parents are puzzled, disappointed and angry about the shift in the balance of power. They fight back; try to control their young sons and daughters in an attempt to maintain their power. But as they grow towards old age, they are forced to relinquish it and hold their hand up, while the world changes into a place they can hardly recognize from their youth.

The fight between old and young has also become a feature of the twenty-first century, as we approach a period where the balance of power reaches a new territory, This is not to say that relationships between the generations are expected to worsen; rather that the new demographic changes to come will have knock-on effects that we cannot yet imagine.

کنکور سراسری علوم تجربی داخل ۱۳۹۹

- 86 According to the passage, the gap between the old and the young -----.
- 1) is not a new story in human life
 - 2) has changed in favor of the old
 - 3) has become less and less over the years
 - 4) has become wider in the twenty-first century
- 87 Parents' reaction towards the change of power balance, as described in paragraph 1, can be described as all of the following EXCEPT -----.
- | | |
|-----------------|--------------|
| 1) hopelessness | 2) confusion |
| 3) anxiety | 4) anger |
- 88 The word "relinquish" in paragraph 1 is closest in meaning to -----.
- | | |
|------------|-----------|
| 1) retake | 2) leave |
| 3) enhance | 4) follow |

89 Which of the following best describes the function of This is not to say in paragraph 2?

- 1) To make a logical conclusion
- 2) To repeat an earlier statement
- 3) To introduce a new topic for discussion
- 4) To prevent a probable misunderstanding

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

For most modern airports, the major design problem is scale-how to allow enough space on the ground for maneuvering wide-body jets while permitting convenient and rapid movement of passengers departing, arriving, or transferring from one flight to another. Most designs for airport terminals take one of four approaches.

In the linear plan, the building may be straight or curved. The passengers board aircraft parked next to the terminal. This plan works well for small airports that need to provide boarding areas for only a few aircraft at a time.

In the pier plan, narrow corridors or piers extend from a central building. This plan allows many aircraft to park next to the building. However, it creates long walking distances for passengers.

In the satellite plan, passengers board aircraft from small terminals that are separated from the main terminals. Passengers reach the satellites by way of shuttle trains or underground passageways that have moving sidewalks.

کنکور سراسری ریاضی و فیزیک داخل ۱۳۹۹

90 The passage would most probably continue with a discussion of -----.

- 1) the best airport design
- 2) another approach to airport design
- 3) the reasons why airport design is important
- 4) the advantages and disadvantages of each airport design

91 According to the passage, the linear plan is more appropriate for airports -----.

- 1) with small planes
- 2) that offer domestic flights
- 3) the passengers of which prefer to board planes as quickly as they can
- 4) that can provide service to a limited number of planes at the same time

92 Which of the following is defined in the passage?

- | | |
|------------------------|------------------------------|
| 1) scale (paragraph 1) | 2) terminals (paragraph 4) |
| 3) board (paragraph 2) | 4) passageways (paragraph 4) |

93 In which of the designs described in the passage are buses used and the passengers must climb a flight of stairs to board the aircraft?

- | | |
|--------------|---------|
| 1) Linear | 2) Pier |
| 3) Satellite | 4) None |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

A kind of bird known as pigeons have been taught to recognize human facial expressions, weakening long-held beliefs that only humans have the sophisticated nervous systems to perform such an act. In some recent experiments, eight trained pigeons were shown photographs of people displaying emotions of happiness, anger, surprise, and hatred. The birds learned to recognize the difference between these expressions. Not only that, but they were also able to correctly identify the same expressions on photographs of unfamiliar faces, their achievement does not suggest, of course, that the pigeons had any idea what the human expressions meant.

Some psychologists have theorized that because of the importance of facial expression to human communication, humans developed special nervous systems capable of recognizing subtle expressions. The pigeons cast doubt on that idea, however. In fact, the ability to recognize facial expressions of emotion is not necessarily inborn even in human babies, but may have to be learned in much the same way pigeons learn. In experiments conducted several years ago, it was found that pigeons organize images of things into the same logical categories that humans do.

کنکور سراسری ریاضی و فیزیک داخل ۱۳۹۹

94 What is the subject of the passage?

- 1) Differences in communication between humans and pigeons
- 2) Importance of body movement in human communication
- 3) Recognition of facial expressions
- 4) Emotions that our face can show

95 The passage suggests that the belief that animals may also be able to recognize facial expressions -----:

- 1) proves that they understand what each facial expression means
- 2) holds true in relation to trained, but not untrained, birds
- 3) was supposed to be wrong
- 4) is a long-held one

96 Which of the following describes the author's attitude towards the idea that the ability to recognize facial expressions of emotion is inborn (paragraph 2)?

- | | |
|--------------|---------------|
| 1) Uncertain | 2) Frightened |
| 3) Shocked. | 4) Amused |

97 The phrase that idea in paragraph 2 refers to the idea -----.

- 1) that pigeons can learn new things
- 2) expressed by the psychologists mentioned in paragraph 2
- 3) that recognizing facial expressions is important to human communication
- 4) according to which to recognize facial expressions of emotion is not necessarily inborn

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

It's not necessarily true that the longer you study, the greater your chances of getting a high score on a test. Time alone won't guarantee your success. You must study effectively, making the best use of your time. First, before an exam, talk to your teacher. Instead of asking, "What's on the test?" you can request guidelines about what topics will be covered and how you can best prepare. This information will provide a purpose for your study. Next, find a place to study where you will remain awake and undistracted: a desk in a library is better than a bed near a television. Then, with your purpose in mind, reread your class notes, textbook sections, and other materials. Underline key information and mark points that you do not understand. When you have finished this review, go back to these points and try to answer them. Use any chapter summaries or review materials that are available. Finally, if the teacher has provided sample test questions - or if review questions are available in the textbook-try to answer them. They will help you do a final check of your readiness for the exam.

کنکور سراسری هنر داخل ۱۳۹۹

- 98 What does the passage mainly discuss?
- 1) The importance of tests in students' educational success
 - 2) The negative effect of studying longer than normal
 - 3) The teacher's role in students' test performance
 - 4) The way to prepare the best for tests
- 99 Which of the following best describes the structure of the information in the passage?
- 1) A goal is set and its effects are described one after another.
 - 2) An approach is introduced and the steps involved in it are mentioned.
 - 3) A claim is made and evidence to show that the claim is wrong is offered.
 - 4) A problem is referred to and the possible solutions to get rid of it are listed.

100 The passage suggests that when exam time is close if a student asks his/her teacher, What's on the test? , that student -----.

- 1) is on the wrong path
- 2) shows he/she is anxious
- 3) will not receive a response
- 4) would make the teacher disappointed

101 The phrase "these points in the passage refers to the points -----.

- 1) included in key information
- 2) one has failed to take a look at
- 3) of material other than class materials
- 4) one has not been able to comprehend

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

To start with, we cannot go on using oil for ever. We can do so for a few more decades - perhaps until 2070, then it will run out. There will be none left or at least, there will be hardly any left.

At present, there is still plenty of oil under the ground. There is oil under the North Sea and under the Atlantic Ocean Engineers keep finding new sources of oil. But there are some realities which cannot be avoided. The quantity of oil under the ground and under the sea is not infinite. It will not last for ever. As oil becomes rarer, it will become harder to extract. It will also become more and more expensive. It will, therefore, become more expensive than other fuels. Oil will always cause pollution. Of course, there are also other truths: Scientists are making new forms of oil, using plants. Most of the oil that we eat comes from plants; and it is sometimes possible to make petrol from this oil, for instance, some types of diesel-fuel already contain sun-flower oil.

Sun-flower oil is cleaner than mineral oil, so it causes less pollution. But perhaps in the long term, vegetable oils are not a good solution for the future; in the future we may need all the land for producing food.

In reality, the future will have to be a future without oil or with very little oil. Scientists are already developing cars, houses and plastics that do not use oil, Electricity will be the energy of the future, but it will have to be clean electricity.

102 The phrase "run out" in paragraph 1 is closest in meaning to -----.

- | | |
|-----------|----------|
| 1) appear | 2) lower |
| 3) end | 4) exist |

103 The passage suggests that at present oil -----.

- 1) can meet human needs for energy
- 2) is too hard to get from under the ground
- 3) can be found under the seas and oceans more
- 4) is located more under the ground than under the oceans

104 Which of the following is true about sun-flower oil, according to the passage?

- 1) It can be used as fuel to drive cars.
- 2) It comes from sources other than plants.
- 3) It causes as much pollution as mineral oil.
- 4) It seems to be the final answer to our energy needs.

105 The passage would most probably continue with a discussion of -----.

- 1) the clean energy of the years ahead
- 2) other problems related to the use of oil
- 3) the role of energy in scientific developments
- 4) steps to take to solve oil-related technological problems

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

With age come changes in the structure and quality of our sleep. After about age 60, we have less deep (slow-wave) sleep and more rapid sleep cycles; we awaken more often, and we sleep an average of two hours less at night than we did as young adults. It was once thought that older people didn't need as much sleep as younger ones, but experts now agree that's not the case. Regardless of age, we typically need seven-and-a-half to eight hours of sleep to function at our best. So if you're not getting enough sleep at night, what about daytime naps? Or does napping disrupt the sleep cycle, ultimately yielding less sleep and more daytime drowsiness? These questions were addressed by researchers in a study conducted in 2011. The authors concluded that napping not only increases older individuals' total sleep time without producing daytime drowsiness but also provides measurable cognitive benefits. This small but well-designed study involved 22 healthy women and men ages 50 to 83 who agreed to be evaluated in a sleep laboratory. During a one- or two-week preliminary period, participants kept sleep logs at home and wore monitors to track their nighttime movements. They were then brought into the sleep laboratory for three nights and two days and given a thorough sleep evaluation (using polysomnography and other techniques) and a battery of cognitive tests. After this initial laboratory session, participants started a month-long daily napping routine at home: half took short (45 minute) naps, and half took longer (two-hour) naps. After the second and fourth weeks, all returned to the lab for repeat assessments.

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106 The study mentioned in paragraph 2 was primarily carried out to determine -----.

- 1) the effect of napping on people's overall sleep pattern
- 2) the difference in men's and women's need for daily naps
- 3) if age had any effect on people's need for afternoon naps
- 4) young and old people's general attitude towards daily naps

107 Which of the following statements about the time length people need to sleep every day is supported by the passage?

- 1) It is disturbed by the amount of time people nap during the day.
- 2) It varies from person to person, depending on their health.
- 3) It is longer in young people than in old ones.
- 4) It is independent of people's age.

108 The people who took part in the study reported -----.

- 1) included more men than women
- 2) knew that they were part of the study
- 3) were used to napping on a daily basis
- 4) had problems with thinking and concentration

109 There is enough information in the passage to answer which of the following questions?

- 1) What made the 22 participants decide to be part of the study?
- 2) Why do people experience changes in the structure and quality of their sleep as they age?
- 3) Why is it argued that people in general need seven-and-a-half to eight hours of sleep per day?
- 4) What are some of the cognitive benefits old people get if they manage to take naps during the day?

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

We hear about stress all the time. It's on the news, in the newspapers, people talk about it and often when we ask someone how they are, their answer is, 'Oh, I'm just so stressed!' We see it manifesting in people and ourselves in many different ways. Some people get nervous and lose their sense of humor, some withdraw or become irritable, others feel tired and helpless.

Stress is the body's response to what is happening in our lives and can take many forms. Some stressful situations in our lives are sudden and difficult, others life changing, but most are just part of our everyday life. With everyday stress, we deal with it along the way and it doesn't necessarily negatively affect our wellbeing. But it is when the demands or pressures of our days exceed our ability to cope that we find ourselves out of balance. That's why we need to take this seriously; if we realize that the pressures of our lives are greater than our capacity to cope, then we need to take responsibility to make the changes in our lives to protect our wellbeing.

کنکور سراسری زبان داخل ۱۳۹۹

110 What is the purpose of the last sentence in paragraph 1?

- 1) To correct a wrong belief
- 2) To support an earlier statement
- 3) To show what causes people to get stressed out
- 4) To emphasize that stress does not have one definition only

111 The word "others" in paragraph 2 refers to -----.

- | | |
|-----------|---------------|
| 1) lives | 2) forms |
| 3) people | 4) situations |

112 The word "exceed" in paragraph 2 is closest in meaning to -----.

- | | |
|--------------|------------|
| 1) go beyond | 2) develop |
| 3) fill in | 4) force |

113 The passage implies that people who suffer from stress -----.

- 1) are to be avoided
- 2) should see a doctor
- 3) can take positive steps to control it
- 4) are socially irresponsible people

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

When an earthquake hit the ancient Greek cities of Helike and Boura in 373 BC, reports claimed they were empty of animals: in the days before the quake, rats, weasels, snakes, and insects were recorded fleeing the area. There are many such stories of apparently clairvoyant creatures, but scientists have had trouble pinning down how animals might be able to sense future quakes. Research on the topic is fraught, since studies usually come after the fact and risk applying retroactive significance. In a 1981 study that controlled for this, researchers found that unusual animal behavior significantly related to one of the four earthquakes investigated. As the paper puls forward, not all earthquakes arc similar; each earthquake may have its own unique early signals, only some of which may be apparent to animals.

کنکور سراسری علوم انسانی داخل ۱۳۹۹

114 What does the passage mainly discuss?

- 1) How destructive earthquakes in the past were
- 2) Why our knowledge of earthquakes is incomplete
- 3) One way that can be used to predict some earthquakes
- 4) History of the scientific study of when earthquakes happen

115 The word "fleeing" in the passage is closest in meaning to -----.

- 1) attacking
- 2) informing
- 3) relying on
- 4) escaping from

116 According to the passage, it is true that animals -----.

- 1) have always helped mankind to prevent earthquakes
- 2) may be able to predict only certain earthquakes
- 3) are almost never killed during earthquakes
- 4) are the best means to predict earthquakes

117 The word "which" in the passage refers to -----.

- | | |
|------------|---------------|
| 1) signals | 2) study |
| 3) animals | 4) earthquake |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

You may think that people are capable of living in a wide range of environments, from the hot deserts of Africa and the Middle East to the freezing cold of Siberia or Northern Canada. Being an intelligent species, we worked out how to use fire to keep us warm in cold conditions and, considerably later, air conditioning to keep us cool in hot climates. But there is a wide variety of organisms capable of living in environments in which no human could survive – the extremophiles.

Take, for example, *Spinoloricus cinzia*, a tiny creature, about a millimeter long and looking a little like a jellyfish. This recently discovered animal is particularly interesting, as it appears to be capable of living without oxygen and is thus a multi-cellular anaerobe. The cells of most organisms contain mitochondria, which use oxygen to generate energy, whereas the cells of *Spinoloricus cinzia* do not contain mitochondria. Most anaerobes so far discovered are microbes and use a form of fermentation to gain energy. Some anaerobes will actually die in the presence of oxygen.

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118 What is the main purpose of the passage?

- 1) To introduce a special type of creature
- 2) To show the role of fire in human survival
- 3) To prove the unimportance of oxygen for life
- 4) To describe newly discovered unfriendly environments

119 Which of the following statements about anaerobic organisms is supported by the passage?

- 1) They are all discovered and known to us.
- 2) They can live in a wide range of environments.
- 3) They have cells all of which have no mitochondria.
- 4) They are capable of surviving in environments empty of oxygen.

120 What does the word "which" in the passage refer to?

- | | |
|-----------------|----------------------------|
| 1) organisms | 2) cells of most organisms |
| 3) mitochondria | 4) multi-cellular anaerobe |

121 Which of the following reasoning techniques is NOT used in the passage?

- 1) Describing cause-and-effect relationships
- 2) Describing the steps in a process
- 3) Referring to differences
- 4) Use of examples

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

It is said that most people have no more than 30 friends at any given time, and 400 over the whole of their lives. However, on social networking sites, most users have about 150 friends. If these numbers are correct, then friendship means different things in different situations.

One of the reasons people have more online friends than real friends at any particular point in time is that online friendships do not require much time and energy: it is easy to make Internet friends and keep them forever. Another possibility is that it is difficult to say "no" when somebody asks us to be their friend online, even if we feel we don't really know them. The fact that they ask us suggests that they do consider us a friend, which is a nice feeling. Alternatively, they may be "collectors" of online friends and simply want to use us to get a higher number of friends and appear to be popular.

Online friendships are quite easy, but in the real world things are much more difficult. There are no rules about friendship. There are no guidelines about how to make friends, how to keep friendships going, and how to finish friendships if we want to move on. People also have very different opinions about friendship: some people would die for their friends and value them more than family. Others feel that friends are temporary, only there to help each other until they are no longer needed. If people with such different views become friends, this can lead to problems.

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122 It can be understood from the passage that -----

- 1) people turn to the Internet to make friends because they no longer value friendships
- 2) the situation in which people make friends influences the actual nature of their friendship
- 3) online friendships last longer than real friendships that were a mark of past relationships
- 4) the Internet has made people so close that people pay more attention to their friends than to their family members

123 Which of the following best describes the function of paragraph 2 in relation to paragraph 1?

- 1) Paragraph 2 explains why the claim made in paragraph 1 is true.
- 2) Paragraph 2 brings in some reasons to question the position taken in paragraph 1.
- 3) Paragraph 2 discusses the effect of the change in friendship explained in paragraph 1.
- 4) Paragraph 2 expands one of the reasons mentioned in paragraph 1 about why people nowadays have more friends.

124 What does paragraph 3 mainly discuss?

- 1) Why making friends online is not difficult
- 2) People's opinions about the role of friends in their lives
- 3) What makes making friendships offline in the real world harder
- 4) The reasons why it is necessary to change the way people make friends online

125 The word "this" in paragraph 3 refers to -----

- 1) the link between people becoming weak
- 2) trying to find as many friends as possible
- 3) having different views towards friendship
- 4) people with different views becoming friends

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Both men and women are living longer these days in the industrialized countries. However, women, on the average, live longer. In general, they can expect to live six or seven years more than men. The reasons for this are both biological and cultural.

One important biological factor that helps women live longer is the difference in hormones between men and women. Hormones are chemicals which are produced by the body to control various body functions. Between the ages of about 12 and 50, women produce hormones that are involved in fertility. These hormones also have a positive effect on the heart and the blood flow. In fact, women are less likely to have high blood pressure or to die from heart attacks.

The female hormones also protect the body in another way. They help the body to defend itself against some kinds of illnesses. This means that women generally get sick less often and less seriously than men. The common cold is a good example: women, on average, get fewer colds than men.

Women are also helped by their female genes. Scientists are still not exactly sure how genes influence aging, but they believe that they do. Some think that a woman's body cells age more slowly than a man's. Others think that a man's body cells age more quickly. Recent research seems to support both of these possibilities.

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126 What is the main purpose of the passage?

- 1) To explore reasons for a fact
- 2) To compare and contrast two different findings
- 3) To follow the historical line of a new development
- 4) To show the role of medical advancement in people's life expectancy

127 How many biological factors does the passage mention as having an effect on women's living longer than men?

- 1) One
- 2) Two
- 3) Three
- 4) Four

128 What is the purpose of the example mentioned in paragraph 3?

- 1) To emphasize the role of illnesses in reducing people's hope of living long
- 2) To prove that hormones can in fact help women in more than two ways
- 3) To support the claim made for the role of the female hormones
- 4) To refer to the most important illness influencing women

129 Which of the following statements is supported by the passage?

- 1) Not all men live shorter lives than women do.
- 2) Men used to live longer than women before the world became industrialized.
- 3) Scientists believe that genes are more effective than hormones to help women live long.
- 4) Scientists agree with one another about how genes make women age more slowly than men.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

The cultural context can also influence life expectancy for men and women. (Life expectancy is the expected length of a person's life.) For example, women generally smoke cigarettes less than men, which has been proven to cause many health problems and to shorten lives.

Another factor that has influenced the lives of women is the lack of stress. Stress is well known to shorten lives. Until recently, women who worked were usually in less responsible, less stressful positions. At home, housework tends to keep women in better physical condition than men. This generally better physical condition is yet another factor in women's longer lives.

These cultural factors have played an important part for the women who are now getting old. But the social habits of women are changing. Young women are smoking more than women used to. More women are working now and holding more responsible positions. These changes may mean that the cultural context will no longer help women live healthier lives. However, women will continue to live longer than men because of certain other factors.

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130 The passage would most probably continue with a discussion of -----.

- 1) why women are no longer willing to stay home and do housework
- 2) the reasons behind the change in different countries' culture around the world
- 3) factors other than cultural factors in relation to women's living longer than men
- 4) how a healthy lifestyle is important for both men and women in today's ever - changing world

131 It can be understood from the passage that the author considers cigarette smoking to -----.

- 1) become more common among women than it is now among men
- 2) have a relationship with the amount of stress in people's lives
- 3) be more harmful to women than to men
- 4) be a culture-related habit

132 It can be understood from the passage that men can improve their physical condition by ----
-----.

- 1) doing housework
- 2) giving their jobs to women
- 3) working jobs with more responsibility
- 4) taking better care of their health problems

133 Which of the following statements is TRUE, according to the passage?

- 1) Women in the past did not smoke because it was considered a socially negative habit.
- 2) The difference in life expectancy between men and women is very likely to become smaller.
- 3) Women's health problems and those of men are similar in terms of both their causes and effects.
- 4) If women realize their health problems are because of their new social roles, they would renew their past habits.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

It is said that about 40 per cent of the world's population use social media, and many of these billions of social media users look up to influencers to help them decide what to buy and what trends to follow. So what is an influencer and how do we become one?

An influencer is a person who can influence the decisions of their followers because of their relationship with their audience and their knowledge in a particular area, e.g. fashion, travel or technology. Influencers often have a large following of people who pay close attention to their views. They have the power to make people buy things, and influencers are now seen by many companies as a direct way to customers' hearts. Brands are now asking powerful influencers to market their products. With some influencers asking for \$25,000 for one social media post, it is no surprise that more and more people are interested in becoming influencers too. If you are one of them, then here are five tips on how to do it.

First, choose your niche. What is the area that you know most about? What do you feel most excited talking about? Find the specific area that you're most interested in and develop it. Next, choose your medium and write an interesting bio. Most influencers these days are bloggers and micro-bloggers. Decide which medium-such as your own online blog, Instagram or Snapchat-is the best way to connect with your followers and chat about your niche area. When you have done that, write an attention-grabbing bio that describes you and your specialty area in an interesting and unique way. Make sure that people who read your bio will want to follow you.

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134 What is the main purpose of paragraph 2?

- 1) To describe who an influencer is
- 2) To identify new ways of social media
- 3) To help influencers do their job better
- 4) To explain why people follow social media posts

135 It can be understood from the passage that more and more people would like to be influencers because this way they could -----.

- 1) have a large number of followers
- 2) make a considerable amount of money
- 3) increase their knowledge in different fields
- 4) help people make the right decisions in their lives

136 According to the passage, what is an influencer's niche?

- 1) His / Her followers
- 2) The companies he / she works for
- 3) The area in which he/she is knowledgeable
- 4) His / Her social media posts as an influencer

137 Which of the following is NOT named as a medium in paragraph 3?

- | | |
|----------------|--------------|
| 1) online blog | 2) Instagram |
| 3) Snapchat | 4) bio |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

All countries that send objects into space find themselves face to face with a serious problem: space junk. The "junk" includes parts of rockets, unwanted remaining parts from launches, dead satellites, and other manufactured items that simply stay there in space with no use at all. There may well be half a million pieces of dangerous waste in orbit. As you might expect, countries around the world are worried. Many are working on solutions to destroy the detritus.

Japan's space agency has built an electromagnetic tether. This giant steel and aluminum net, nearly half a mile wide, would orbit in space and attract metallic pieces as it travels. Once full of waste, the net would fall back into the Earth's atmosphere. The gathered pieces would burn upon re-entry. If this net idea works, Japan plans to build a much larger one.

A Swiss company proposes a different answer. It is developing a spacecraft that would act as a huge device to collect harmful debris. Like the Japanese net, the Swiss device would fall back into Earth's atmosphere, destroying its contents in the process.

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138 What is the subject of the passage?

- | | |
|---|--------------------------------------|
| 1) A new type of waste | 2) Useless solutions to a difficulty |
| 3) Difficulty for future space missions | 4) Ways to send objects into space |

139 Which of the following has been described in the passage?

- | | |
|---|---------------------------|
| 1) launches (paragraph 1) | 2) orbit (paragraph 1) |
| 3) electromagnetic tether (paragraph 2) | 4) re-entry (paragraph 2) |

140 The device made by Japan's space agency and that made by a Swiss company are similar in all of the following features EXCEPT that they -----.

- 1) collect waste in space
- 2) look very much alike
- 3) serve the same purpose
- 4) are designed to make waste burn on their return to Earth

141 What does the word "one" in the passage refer to?

- 1) net
- 2) idea
- 3) piece
- 4) re-entry

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Some people are shy, which means they feel uncomfortable in the presence of others. If you suffer from shyness, you are not alone, for there are many people having the same problem. According to recent research, close to 50 percent of the general population report that they currently experience some degree of shyness in their lives. In addition, close to 80 percent of people report having felt shy at some point of their lives. As shyness is so widespread in the world, it is not surprising that social scientists are learning more about its causes. They have found that shyness in an individual can result from both biological and environmental factors. Recent research shows that some people are genetically predisposed to shyness. In other words, some people say that some people are born shy. Researchers say that between 5 and 20 percent of newborn babies show signs of shyness: they are quieter and more watchful. Researchers have identified physiological differences between sociable and shy babies that show up as early as two months. In one study, two-month-olds who were later identified as shy children reacted with signs of stress when they were shown moving mobiles and tape recordings of human voices: increased heart rates, jerky movements of arms and legs, and excessive crying. Further evidence of the genetic basis of shyness is the fact that parents and grandparents of shy children more often say that they were shy as children than parents and grandparents of non-shy children.

142 Social scientists have tried to find out about the causes of shyness because -----

- 1) it is a problem many people suffer from
- 2) it surely has a mental but not a physical origin
- 3) previously suggested ways to control it did not work
- 4) some people who report that they are shy may not really be shy

143 It can be concluded from paragraph 2 that if a person's parents and grandparents are shy, He -----

- 1) would turn out to be less sociable than they were
- 2) needs to see a medical doctor immediately
- 3) has had a difficult childhood
- 4) is likely to be shy too

144 The word "they" in paragraph 2 refers to -----

- 1) signs of stress
- 2) two-month-olds
- 3) shy children in general
- 4) mobiles and tape recordings of human voices

145 Which of the following statements is TRUE, according to paragraph 2?

- 1) No one is born shy.
- 2) There are physiological differences between shy and sociable babies.
- 3) Shy people are typically quieter but less careful than those who are not shy.
- 4) Heart rates, jerky movements of arms and legs, and excessive crying are some physiological causes of shyness.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

At the start of every new year, many of us promise ourselves that a certain number of times a week we will go to the gym, go jogging, attend an exercise class, etc. But many of us have a hard time including exercise in our lives, or we start off well and then stop.

The key could be to find the right type of exercise for you. After all, if we end up doing something we enjoy and can see the positive effects of, we are more likely to do it for longer than a few weeks. Studies suggest that six weeks are all it takes to form a habit, so once we have managed to continue for that length of time, chances are that exercise has become a routine part of our lives that we do not question. So what exercise is right for you?

First of all, you need to find out what your goal is. Are you mainly interested in destressing or in getting healthier? If your important goal is relaxation, then ask yourself if you want to do this energetically, in which case a type of exercise based on boxing may, for example, be right for you. If you have a calmer style, then you could choose some exercise you can do alone, such as walking, doing some gardening, or selecting a brisk daily walk around the block. If you get more interested in working with others, then you could join a tennis, fitness or t'ai chi class, all designed to stretch and strengthen your muscles and with the added benefit of calming the mind.

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146 The passage claims that many of those who promise themselves at the beginning of each new year that they would start doing some type of exercise -----.

- | | |
|---------------------------------------|---|
| 1) never join a sports club | 2) fail to keep their promise |
| 3) have not already done any exercise | 4) can only exercise several times a week |

147 On the whole, the passage is intended to -----.

- 1) help people choose the right exercise for themselves
- 2) introduce the positive effects of exercise on people's health
- 3) explain the reasons why people stop exercising after some time
- 4) compare and contrast different types of exercise plans with one another

148 The passage mentions all of the following about the effects of joining a t'ai chi class EXCEPT -----.

1) working with others

2) getting relaxation

3) strengthening your muscles

4) calming the mind

149 According to the passage, doing exercise can become a habit if the person doing it -----.

1) has made himself / herself a promise to do so

2) knows about his goal of exercising

3) selects an easy type of exercise

4) goes on doing it for six weeks

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

One single person cannot be named as the one responsible for the invention of the cinema. In fact, Lots of people played a part in the development of the cinema. A man called Muybridge made the first moving picture in 1878. It was a film of a horse running and it was only a few seconds long. By 1895, other people had invented various machines for showing moving pictures, but many of these could only be watched by one person at a time. The development of machines that could project films onto a screen was important. Thomas Edison was one of the first to show very short films to audiences of 20 or more people. His films showed acrobats performing, or everyday events like a man eating!

At first, films were only a few minutes long. They were black and white and silent. They were usually documentaries about different places or news events, or comedies showing people falling over and making funny faces. Later they became longer stories, but there was still no sound. Instead, there might be a musician playing a piano in the hall while the film was shown.

Musicals were probably the most popular kind of film throughout the 1930s and 1940s. A very famous actress and singer at that time was Shirley Temple—she was a five-year-old girl everyone loved watching perform on stage.

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150 What question is paragraph 1 mainly intended to answer?

- 1) Who invented films?
- 2) What did early films look like?
- 3) Why were early films short and simple?
- 4) How long did the cinema take to become popular?

151 The word "they" in paragraph 2 refers to -----.

- | | |
|----------------|---------------------------------------|
| 1) films | 2) documentaries |
| 3) funny faces | 4) places or news events, or comedies |

152 The passage refers to all of the following as scenes shown in films EXCEPT -----.

- 1) someone singing on stage
- 2) a man eating some sort of food
- 3) someone doing acrobatic movements
- 4) a musician playing a musical instrument

153 Which of the following can be concluded about films in the 1930s and 1940s?

- 1) They were still watched by a few people at a time.
- 2) They were not only visual but also audio.
- 3) They still did not have any storyline.
- 4) They were musicals only.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

For thousands of years, people have tried to find ways to keep food for longer. In the past, this was important as people needed to save fresh food for times when it was hard to find, such as the winter. Today there are still many places without electricity and people living in these places need to preserve food in ways that don't use refrigerators. They need to make food last as long as possible.

Drying is the oldest type of food preservation. If water is removed from food, the bacteria can't grow. In ancient times in hot countries, people simply left fruit and meat outside to dry in the sun and the wind until all its natural water was gone. This made the fruit last a very long time. Drying fruit sometimes results in a completely new product. For example, grapes turn into raisins and plums turn into prunes. Drying food in the sun does not work in cooler or wetter climates, but people have other methods to preserve food in cold places.

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154 The word "preserve" in paragraph 1 is closest in meaning to -----.

- 1) need
- 2) find
- 3) last
- 4) save

155 What is the subject of paragraph 2?

- 1) How food preservation prevents the growth of bacteria
- 2) Types of food that can be preserved
- 3) Importance of food preservation
- 4) A food preservation technique

156 In paragraph 2, what is the role of the example of "grapes turn into raisins and plums turn into prunes"?

- 1) To describe an unusual event
- 2) To support an earlier statement
- 3) To describe a food preservation mechanism
- 4) To emphasize the function of fruit as a food source in the past

157 The passage is most likely to continue with a discussion of -----.

- 1) different ways used by people in cold regions to prepare food stuff
- 2) why drying was first used in hot countries
- 3) some other food preservation methods
- 4) how people in cold places found food

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Language is one of the important abilities of humans which makes humans stand out from animals, so language loss raises serious questions about our history, our humanity and perhaps about our future, too. Any study of the history of language shows that languages, like humans, develop over time. According to some estimates, around 7,000 languages are still spoken in the world. This number is a sign of the diversity and range of human experience in all around the world. But not all those languages are equally healthy. In fact, while some languages are healthy and powerful, other are in the process of dying and disappearing. In fact, research shows that languages are dying out very fast. Some believe that by 2100, most of these languages, perhaps as many as 90% of them, will no longer exist in the spoken medium. If this were plant life, or whales and dolphins, many people would be worried and ask something to be done to stop this unlucky process. Yet, surprisingly, there seems to be little interest in this terrible event. What is lost when a language ceases to exist?

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158 What is the subject of the passage?

- 1) Language loss
- 2) How languages die out
- 3) Comparison of modern and old languages
- 4) The main difference between humans and animals

159 Why does the author make a comparison between languages and humans in the second sentence, "Any study of the history of language -----"?

- 1) Because languages are spoken by humans
- 2) Because both languages and humans have histories
- 3) Because both languages and humans do not stay the same in the course of time
- 4) Because when languages are lost, humans lose whatever knowledge and experience they have collected through them

160 What does the phrase "these languages" refer to?

- 1) Healthy and powerful languages
- 2) The languages that are dying out very fast
- 3) Those languages that manage to survive by 2100
- 4) The 7,000 languages that are still spoken in the world

161 The passage most probably continues with a discussion of -----

- 1) the reasons why languages die
- 2) what to do to prevent languages from going out of existence
- 3) why people are worried about the gradual death of languages
- 4) what language loss makes us lose in addition to the language itself

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

In the early 1990s, many villages turned to solar power in parts of Africa where life was hard because of the absence of electricity. Perhaps the greatest project of this nature, and one that is often mentioned, is a Zimbabwean project supported by UNDP through the Global Environment Facility (GEF). The plan, jointly funded by GEF (\$7m) and Zimbabwe (\$400,000), made use of some 9,000 solar power systems throughout the country to improve living standards, but also to decrease land degradation and pollution.

Shamva, 70 kilometers from Zimbabwe's capital, Harare, is now one of the best solar-village models in the country. Fifty-two commercial farming families share systems; there is one system for every two houses. Each family has two lamps and a connection for a radio or small television set. The new lighting systems have improved the quality of life for the community. They have increased study hours for schoolchildren, reduced rural-to-urban migration in the area, and upgraded health standards by electrifying a local health center.

162 What is the best title for the passage?

- 1) Shamva's Farmers Share Solar Power Systems
- 2) Zimbabwean Development Program
- 3) Future of Solar Power in Africa
- 4) New Ways to Produce Energy

163 According to the passage, the Zimbabwean project -----.

- 1) has been successful in one particular village
- 2) has been financially supported by the Zimbabwean government only
- 3) has influenced the living standards of some rural people in Zimbabwe
- 4) has a long way to go before its effects can be actually observed in people's life

164 Which of the following is TRUE about Shamva?

- 1) It did not use to have a local health center.
- 2) It is the closest village to Zimbabwe's capital.
- 3) It is located in an area where access to electricity is very difficult.
- 4) It is equipped with some solar systems shared by the families living there.

165 What does the word "They" in paragraph 2 refer to?

- 1) lamps
- 2) lighting systems
- 3) people in Shamva
- 4) radio and television sets

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Culture shock is a term used to describe the process a person experiences when living outside his or her culture for a long period of time. Culture shock is a reality to many international students. When moving to a new culture, international students must deal with a language that may be unfamiliar, incomprehensible customs and values, and cultural expectations the students may not be fully aware of. As a result, the students may go through emotional extremes ranging from excitement with the new culture to depression. I, like most foreign students, had to face the harsh reality of culture shock as I pursued my college career. But it wasn't an easy process. There's no magic pill or vaccine. To be successful, international students should become familiar with the process of culture shock, a process that became my way of feeling at ease with French culture.

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166 According to the passage, culture shock is experienced -----.

- 1) by almost all international students
- 2) by students not familiar with their own culture
- 3) specially when foreign students do not know the language of the foreign country
- 4) because students who start college are not old enough to take care of themselves alone

167 Which of the following statements is TRUE about the author of this passage?

- 1) He did not have the problem of culture shock.
- 2) It took him a long time to adapt himself to his native culture.
- 3) He spent at least part of his education far from his homeland.
- 4) He went to France in order to find a job to pay his education fees.

168 According to the passage, an effect of culture shock is -----.

- | | |
|-------------------------------------|--|
| 1) poor language ability | 2) excitement with the new culture |
| 3) unfamiliar cultural expectations | 4) incomprehensible customs and values |

169 The author's purpose of saying, "There's no magic pill or vaccine", is to emphasize the fact that -----.

- 1) getting over culture shock is not easy and takes time and effort
- 2) even doctors cannot help the students who suffer from culture shock
- 3) medical doctors have not yet found a way to help those who are culturally shocked
- 4) becoming successful in a foreign country becomes a reality only if foreigners work hard

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

The advantages or positive points of e-readers certainly seem to be more than the disadvantages. They are light and mobile devices that can be taken anywhere. Taking one gadget on holiday allows us to take hundreds of novels with us without having to pay for extra luggage on the plane.

The electronic nature of e-readers gives us so much more than a print copy of a book can do. It lets us read in the dark (handy in case of a power cut). We can look up unfamiliar words in the in-built dictionary with just one click, we can make notes, and we never forget what page we were on: the e-reader remembers that for us. If our eyesight declines, we can make the letters bigger. We can re-read Jane Eyre as often as we like and the book will never look any worse for it. And even if our taste in books is unusual, nobody need know: others can't see what we are reading. Not only that, most e-books are cheaper than their print versions, and many older books can be downloaded for free.

So why have only one in three of us read an e-book? The answer must be that there is something special about the look, the feel, and maybe even the smell of printed books. 'Real' books are objects that have a past and their physical presence surrounds us with happy memories.

170 The author seems to believe that -----.

- 1) printed books are here to stay
- 2) everyone will soon be using e-books only
- 3) the digital world has totally changed the publishing industry
- 4) e-books are difficult to use because they require the use of some extra digital devices

171 What does paragraph 2 mainly discuss?

- 1) The way e-books have changed people's reading habits
- 2) The reason why e-books are more fun to read
- 3) The effects of e-books on human health
- 4) The advantages of e-books

172 The name "Jane Eyre" in paragraph 2 is most probably -----.

- | | |
|----------------------|---|
| 1) an author's name | 2) a book title |
| 3) an e-reader brand | 4) a text that is difficult to understand |

173 What does the word "that" in paragraph 2 refer to?

- | | |
|--------------------|---------------------------------|
| 1) making notes | 2) the page we were reading |
| 3) the reading act | 4) the meaning of unknown words |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

She remembers the moment the photographer took her picture. The man was a stranger, but he asked if he could and she agreed to let him take it. She had never been photographed before and until they met a second time seventeen years later, she was not photographed again.

The photographer, Steve McCurry, remembers the moment too. It was 1984 and he was recording the lives of Afghan refugees in a camp in Pakistan. She was looking out of the school tent and he admits thinking at the time that the picture would be nothing special. Yet the 'Afghan girl', as the picture is now known, became, after a few years, one of the most iconic images. McCurry used her intense expression, so untypical of an average, carefree girl, to warn us not to ignore the victims of war, especially its young victims.

In 2002 National Geographic encouraged McCurry to return to Pakistan to look for the girl. After showing her photo around the refugee camp, he found a man who had known her as a child and knew where to find her. He offered to bring her from her home in the Tora Bora mountains in Afghanistan and after three days returned with Sharbat Gula, a woman perhaps 29 years old. McCurry knew at once that this was her.

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174 It can be understood from the passage that the first time Sharbat Gula was photographed she was about -----.

- | | |
|-------|--------------------|
| 1) 11 | 2) 17 |
| 3) 29 | 4) in her twenties |

175 According to the passage, the pictures Steve McCurry took from the Afghan girl -----.

- 1) was one he himself knew would become famous
- 2) was made popular by National Geographic
- 3) gained people's attention later on
- 4) was an immediate success

176 According to the passage, when Steve McCurry came back in 2002 to took another picture -----.

- 1) Sharbat Gula had changed so much that he was greatly surprised
- 2) he had to wait for three days before he could see Sharbat Gula
- 3) he managed to find Sharbat Gula himself and very quickly
- 4) Sharbat Gula was living in another camp in Pakistan

177 The passage is most likely to continue with -----.

- 1) an explanation of why Steve McCurry agreed to go to Pakistan a second time
- 2) reasons why Sharbat Gula and other Afghan women look attractive in pictures
- 3) what the focus of National Geographic in news reporting is
- 4) a description of what Sharbat Gula looked like then

Cloze

Directions: Read the following passage and decide which choice (1), (2), (3), or (4) best fits each space.

James Anderson writes about the waste of energy in hotels: overheated rooms, lights (178) ----- on all night, towels that are used once and then sent to be washed. He is right, but why stop with hotels? Would it not be better (179) ----- all the other mindless waste that characterizes modern life?

In the morning I walk down the high street past shops whose doors are wide open, (180) ----- hot air into the street. At the supermarket I take my frozen vegetables from a (181) ----- that is completely open. My children leave their computers (182) ----- when they go out and their phone chargers plugged in with no phone on the other end. What does all this waste show?

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178

- | | |
|----------------|------------------|
| 1) are left | 2) leaving |
| 3) which leave | 4) that are left |

179

- | | |
|-------------------|-------------------|
| 1) to mention | 2) was mentioned |
| 3) that mentioned | 4) for mentioning |

180

- | | |
|-------------|--------------|
| 1) blowing | 2) producing |
| 3) crossing | 4) lifting |

181

- | | |
|-----------------------|--------------------|
| 1) cabinet cooling | 2) cabinet cooled |
| 3) cooling of cabinet | 4) cooling cabinet |

182

- | | |
|-----------|-------|
| 1) off | 2) on |
| 3) around | 4) up |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Beyond living longer and healthier lives, we may want happiness for other reasons. Many people believe that each of us exists for a specific purpose. Although there are many beliefs about that purpose, almost all people agree that that life is purposeful. However, perhaps as we put our lives in line with our purpose, we become happier. Said another way, perhaps the closer we get to true happiness, the closer we are to realizing the purpose for our time on Earth. I do not know the nature of that purpose, but I believe that happiness is vital to it. If happiness underlies and animates our purpose, then aiming for it seems a reliable way of moving toward that purpose. In other words, if you let what makes you happy be your guide, there is a good chance that you are on your path to fulfilling your purpose.

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 کنکور سراسری علوم انسانی خارج از کشور ۱۳۹۷
 کنکور سراسری هنر خارج از کشور ۱۳۹۷
 کنکور سراسری زبان خارج از کشور ۱۳۹۷

183 What does the paragraph before this passage most probably discuss?

- 1) Some reasons why people look for happiness
- 2) Reasons why people are living longer
- 3) What the purpose of life is
- 4) Examples of happy people

184 Which of the following statements about the purpose of life is supported by the passage?

- 1) The purpose of life does not mean the same to different people.
- 2) There is no one arguing against the belief that life is without a purpose.
- 3) The more meaningful your purpose of life is, the greater your happiness is.
- 4) When we have no purpose in life, we are not likely to stay healthy and live long.

185 The word "it" at the end of paragraph 1 refers to -----.

- | | |
|--------------|---------------|
| 1) Earth | 2) purpose |
| 3) happiness | 4) our nature |

186 Which of the following best describes the function of the sentence below, which is the last sentence of the passage?

In other words, if you let what makes you happy be your guide, there is a good chance that you are on your path to fulfilling your purpose.

- 1) It introduces a new topic.
- 2) It restates an earlier statement.
- 3) It provides a specific example.
- 4) It provides a summary of the whole passage.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Intentional weight loss is the loss of total body mass as a result of efforts to improve fitness and health, or to change appearance through getting thin. Weight loss in individuals who are overweight or very fat can reduce health risks, increase fitness, and may delay the start of diabetes. It could reduce pain and increase movement in people with osteoarthritis of the knee. Weight loss can lead to a reduction in hypertension (high blood pressure), however whether this reduces hypertension-related harm is unclear.

Weight loss occurs when the body is spending more energy in work and metabolism than it is absorbing from food or other nutrients. It will then use stored reserves from fat or muscle, gradually leading to weight loss. For athletes seeking to improve performance or to meet required weight classification for participation in a sport, it is not uncommon to seek additional weight loss even if they are already at their ideal body weight. Others may be driven to lose weight to achieve an appearance they consider more attractive. However, being underweight is associated with health risks such as difficulty fighting off infection, osteoporosis, decreased muscle strength, trouble regulating body temperature and even increased risk of death.

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کنکور سراسری علوم انسانی خارج از کشور ۱۳۹۷
کنکور سراسری هنر خارج از کشور ۱۳۹۷
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187 What is paragraph 1 mainly about?

- 1) Ways to lose weight
- 2) Health risks of fatness
- 3) Some advantages of weight loss
- 4) How to have a better appearance through weight loss

188 The word "It" in paragraph 2 refers to -----

- 1) body
- 2) food
- 3) energy
- 4) weight loss

189 Which of the following is mentioned as a problem that may result from being under the ideal body weight?

- 1) Diabetes
- 2) Osteoarthritis of the knee
- 3) Hypertension
- 4) Trouble regulating body temperature

190 The passage provides enough information to answer which of the following questions?

- 1) Why do people with osteoarthritis of the knee have trouble with movement?
- 2) What efforts better than others help people lose weight more easily and quickly?
- 3) What is one effective activity one can engage in to help reduce the rate of one's internal metabolism?
- 4) Why is it that some athletes seek additional weight loss even if they are already at their ideal body weight?

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Why is music important? Music participation provides a unique opportunity for literacy preparation - to prepare children to learn how to read and write at school. Whether the children are singing, playing, or listening, teachers direct them to listen and hear in new ways which exercises their aural discrimination. Playing instruments and adding movement to the lessons teaches children about sequential learning which is essential in reading comprehension. Plato once said that music "is a stronger instrument than any other for education". You will find many teachers of young children who would agree with him. Recent research has found that music uses both sides of the brain, a fact that makes it valuable in all areas of development. Music affects the growth of a child's brain academically, emotionally, physically and spiritually.

Now let's deal with the first effect which is the effect on children's academic performance. For some people, this is the primary reason for providing music lessons to their children. A recent study found that music trains the brain for higher forms of thinking, Second graders who were given music lessons scored 27% higher on proportional math and fractions tests than children who received no special instruction. Research indicates that musical training prepares a young mind for enhanced performance.

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191 Which of the following is the best title for the passage?

- | | |
|-----------------------------|------------------------------------|
| 1) Music Use at Home | 2) Music and Young Minds |
| 3) Music: Contrasting Views | 4) Ways to Improve Musical Quality |

192 What aspect of music does the passage mainly discuss?

- | | |
|-----------------|--------------------|
| 1) Its types | 2) Its origin |
| 3) Its function | 4) Its development |

193 The author has mentioned Plato in paragraph 1 in order to -----.

- 1) support the main point of the paragraph
- 2) change the focus of the discussion presented in the paragraph
- 3) set a condition for the achievement of the goal described in the paragraph
- 4) refuse the inclusion of music in class as a teaching instrument before some research into its usefulness is done

194 What instruction does the author mean by "no special instruction" as it is used in paragraph 2?

- | | |
|-------------------------------------|-----------------------------------|
| 1) Instruction in test taking | 2) Instruction in music |
| 3) Instruction at school in general | 4) Instruction in literacy skills |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

For many environmentalists, the world seems to be getting worse; they have developed long lists of our main fears: that natural resources are running out; that the population is ever growing, leaving less and less to eat; that species are becoming extinct in great numbers, and that the planet's air and water are becoming ever more polluted.

But a quick look at the facts shows a different picture. First, energy and other natural resources have become more than they were in the past, not less so, since the book *The Limits to Growth* was published in 1972 by a group of scientists. Second, more food is now produced per head of the world's population than at any time in history. Fewer people are dying of hunger. Third, although animal and plant species are indeed becoming extinct, only about 0/7% of them are expected to disappear in the next 50 years, not 25 - 50%, as has so often been predicted. And finally, most forms of environmental pollution either appear to have been exaggerated, or are transient - associated with the early phases of industrialization and therefore best removed not by limiting economic growth, but by speeding it up.

195 Which of the following statements best describes the way the information in the passage is presented?

- 1) A number of problems are listed and then followed by their appropriate solutions.
- 2) A dangerous situation is described and then its main causes are discussed.
- 3) A main point is made and then refused by the incoming information.
- 4) A conclusion is mentioned and then facts to support it are included.

196 It can be concluded from the passage that those who wrote the book *The Limits to Growth* believed that energy and other natural resources -----

- 1) are endless
- 2) would soon be used more suitably
- 3) are less than they were in the past
- 4) can be used to their full capacity

197 Which of the following best describes the author's opinion about the extinction of animal and plant species?

- 1) It is not happening.
- 2) It is a true event but can be stopped very easily.
- 3) It is happening only to those species that are very weak.
- 4) It is happening at a much lower rate than it is said to be the case by some.

198 The author believes that economic growth -----.

- 1) should be made to continue faster
- 2) is only in its early stages of development
- 3) does lead to pollution, but it should not be stopped anyway
- 4) may not omit pollution but can prevent it from becoming worse than it is now

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

The strongest earthquake to hit Mexico for decades left at least 58 dead and hundreds injured on Friday, after wreaking destruction on the country's south which is a poor region. Rescue workers were struggling to reach isolated rural communities across the worst - hit states of Chiapas and Oaxaca, many of them located high in rugged mountains. The powerful quake damaged buildings as far away as Mexico City. It was also felt in much of Guatemala, where damage to buildings was reported.

Enrique Pe a Nieto, the Mexican president, said the quake had registered a magnitude of 8/2, the strongest the country had suffered in more than a century. Mr. Pe a Nieto reported more than 260 aftershocks up to a magnitude of 6/1, and warned there could be more to come, encouraging people to stay safe and listen to public announcements. He said the quake was felt by around 50 million of Mexico's roughly 120 million population. Schools were closed in 11 states so officials could inspect the buildings for structural damage.

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199 According to the passage, the earthquake -----.

- 1) mostly affected a poor region of Mexico
- 2) was felt by all the people in Mexico
- 3) measured 6/1 on the Richter scale
- 4) happened near Mexico City

200 Many of the villages affected by the earthquake -----.

- 1) received help immediately after the event
- 2) had already experienced a strong quake
- 3) were located in the mountains
- 4) were destroyed to the ground

201 Which of the following is TRUE about the aftershocks mentioned in the passage?

- 1) They caused more damage than expected.
- 2) They were as strong as the earthquake itself.
- 3) They were greater than two hundred and fifty in number.
- 4) They had worried Mexico's President because the people seemed careless about them.

202 The passage is most probably part of a -----.

- 1) scientific paper
- 2) news report
- 3) geography book
- 4) president's speech

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Economic circumstances also affect life expectancy, which is a statistical measure of the average time an organism is expected to live. For example, in the United Kingdom, life expectancy in the wealthiest and richest areas is several years higher than in the poorest areas. This may reflect factors such as diet and lifestyle, as well as access to medical care. It may also reflect a selective effect: people with chronic life-threatening illnesses are less likely to become rich or to live in rich areas. In Glasgow, the difference is amongst the highest in the world: life expectancy for males in the heavily deprived Calton area stands at 54, which is 28 years less than in the rich area of Lenzie, which is only 8 km away.

Life expectancy is also likely to be affected by exposure to high levels of highway air pollution or industrial air pollution. This is one way that people's job can have a major effect on life expectancy. Coal miners (and in prior generations, asbestos cutters) often have lower life expectancies than average life expectancies. Other factors affecting an individual's life expectancy are genetic illnesses, drug use, tobacco smoking, fatness, access to health care, diet and exercise.

203 What does the paragraph before this passage most probably discuss?

- 1) A factor or factors influencing life expectancy
- 2) When the idea of life expectancy first appeared
- 3) People's economic conditions in different countries
- 4) Why people now live longer than they did in the past

204 What aspect of life expectancy in the United Kingdom does the first paragraph deal with?

- 1) The reasons why it is so high
- 2) Techniques used to increase it
- 3) Why it is not fixed from year to year
- 4) How it is affected by people's economic conditions

205 The word "which" in the first paragraph refers to -----.

- | | |
|---------------|--------------------|
| 1) Glasgow | 2) difference |
| 3) Caltonarea | 4) life expectancy |

206 Which of the following is NOT mentioned in the passage as a factor affecting life expectancy?

- | | |
|----------------------|--------------------------|
| 1) Job | 2) Country one lives in |
| 3) Diet and exercise | 4) Access to health care |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

You probably don't like the term 'staycation'. Me neither. But you mustn't be put off. As a concept, it is quite attractive. Perhaps you've already had one, but weren't aware that's what it was called. Staycations don't just mean staying in doing things around the house or just relaxing at home. They involve getting out more by taking day trips from your home to see local sights. If you don't want to stay at home, you can holiday locally - for example, camping at a local campsite.

Staycations originally became popular after the financial crisis of 2008, when people were looking for ways to reduce their spending. Apart from the savings, let's not ignore the other benefits: you don't have any of the problems associated with travel, such as packing, long drives, delays at airports and so on; and you bring money to the local economy, by eating out, for example. The only people who hope this kind of holiday won't become popular are the holiday companies themselves.

Some staycationers who base themselves at home like to follow a set of rules, such as setting a start and end date, planning their activities ahead of time and avoiding routine. You don't have to do these things, but it helps to create the feel of a traditional vacation. Others, aware that an extra barbecue and a visit to the local zoo may not match the thrill of foreign travel, take it a step further. A recent example was Karen Ash, whose story appeared in the Wall Street Journal.

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207 The passage introduces staycation as an alternative to -----.

- | | |
|--------------------|---------------------|
| 1) staying indoors | 2) foreign travel |
| 3) doing business | 4) playing outdoors |

208 What is the author's purpose of the following sentence taken from the first paragraph?
"Staycations don't just mean staying in doing things around the house or just relaxing at home."

- 1) To define a new term
- 2) To prevent a wrong generalization
- 3) To provide an example for a clear description
- 4) To deny the claim that doing housework can be fun

209 According to the passage, what caused staycation to appear as a popular trend was -----.

- 1) problems associated with traveling abroad
- 2) people's interest in local attractions
- 3) a financial problem
- 4) holiday companies

210 What is the paragraph immediately following this passage most likely to discuss?

- 1) Reasons why staycation would become even more popular
- 2) People's opinion about staycation
- 3) Excitement of foreign travel
- 4) Karen Ash's story

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

To overlearn is "to continue studying or practicing (something) even after one somehow has learned something completely so as to strengthen the learned material or skill," according to The American Heritage Dictionary.

For many students, it's difficult to understand this idea. If Emily has learned a lesson, she wants to put her pencil down and walk away. If Scott has got a high mark on a test, he's ready to throw away his notes from the studying session the night before.

According to psychological studies, however, overlearning is important to successful retention of material and performance of tasks. "Don't Just Learn - Overlearn," a blog post by Annie Murphy Paul, explains the empirical evidence behind overlearning, Murphy Paul mentions a study conducted by assistant professor Alaa Ahmed, which measured the amount of energy spent on a task that was repeated over and over. The study, published in The Journal of Neuroscience, found that as participants became more skilled at a task, the amount of energy used to perform that task decreased. "By the end of the learning process, the amount of effort they made to do the task had decreased about 20 percent from when they started," Murphy Paul writes.

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211 The writer has referred to Emily and Scott in paragraph 2 in order to -----.

- 1) list two main effects of overlearning
- 2) prove that many students do practice overlearning even without their own knowing of what it really is
- 3) exemplify the fact that a number of students do not have a clear understanding of overlearning
- 4) give an actual example of how easy it is for students to succeed if they have already studied a subject to the point of overlearning

212 The author has provided all of the following in relation to overlearning EXCEPT its -----
--.

- 1) effects
- 2) causes
- 3) function
- 4) definition

213 According to the passage, who got an article published in The Journal of Neuroscience?

- 1) Alaa Ahmed
- 2) Alaa Ahmed and his assistant
- 3) Murphy Paul
- 4) Murphy Paul and Alaa Ahmed

214 According to the study reported in paragraph 3, the amount of energy spent on a task that is repeated over and over -----.

- 1) decreases in the course of time
- 2) is the major cause of overlearning
- 3) leads to more efforts to accomplish tasks
- 4) needs to be more than normal if overlearning is ever going to happen

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Human-related environmental issues are not new. The problem of deforestation, desertification, water pollution, climate change and the extinction of species have been present throughout the history of the Earth. However, with today's advanced science and technology, people can do greater damages to nature and do it more quickly. The impacts are further compounded. On the other hand, due to population growth, humans are encouraged more than ever to use natural resources to meet the needs of the increasing population, although they know what they are doing is not without environmental consequences. But most of all, the effect of human-created environmental modifications are no longer limited to a local or regional level, but are extending through the whole planet.

The cause of environmental damage is deeply rooted in human culture. Through hundreds of years of industrialization and exploitation of natural resources, humans are acting on the assumption that we are the best species on earth. Because of our cleverness, science and power and materialism we have lost our respect for nature, which would definitely result in our own destruction in the long term. In a world in which materialistic standards are in control, people are made to inefficiently use more natural resources, since personal wealth is becoming the ultimate measure of success in the eye of society.

کنکور سراسری علوم تجربی داخل ۱۳۹۷

215 All of the following are mentioned as factors leading to more man-related damage to the environment EXCEPT -----.

- | | |
|-------------------------------------|-----------------------------|
| 1) extinction of animals and plants | 2) more advanced technology |
| 3) growing human population | 4) part of human culture |

216 The word "it" in paragraph 1 refers to -----.

- | | |
|---------------|---------------------|
| 1) Earth | 2) nature |
| 3) technology | 4) damage to nature |

217 It CANNOT be understood from the passage that if humans manage to be less materialistic, they would -----.

- 1) prevent their long-term destruction
- 2) begin to show more respect for nature
- 3) make more reasonable use of natural resources
- 4) cause much less local than global damage to the environment

218 The passage seems to imply that the present human society -----.

- 1) is in general ruled by materialistic standards
- 2) will soon stop viewing itself as the best society on this planet
- 3) is unaware of the global damage it is causing to the environment
- 4) would act more quickly to save the environment if it really knew how valuable the environment is

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

When we are learning a foreign language, we tend to think that it is important to understand everything that we hear. But when you are listening to someone talking in your own language, you probably don't listen at 100% and nor do you probably need / wish to.

Thus, an essential rule for improving your understanding of native English speakers is not to expect to understand everything they say. My wife and I are both from Tokyo in Japan. When we watch DVDs of English television series, we watch with subtitles-if we don't have subtitles, we sometimes miss about 20% of what is said. However, even if we don't turn on the subtitles and thus miss 20%, we still understand enough to follow the story.

Understanding enough to follow the plot should be your objective too. By "plot," I mean a conversation in a restaurant, a formal presentation, a telephone call.

In non-strictly technical or scientific encounters, conversations are often more a means of being together, a socio-cultural event in which relations are established, rather than an opportunity for exchanging information. Most of the time, what is said may be completely irrelevant. Quite often talking is merely an end in itself. When we go out for dinner with friends, the main object is not to collect useful information but simply to interact with the people we are with and to enjoy each other's company.

کنکور سراسری علوم تجربی داخل ۱۳۹۷

219 Why does the author refer to the experience of talking in the mother tongue (paragraph 1)?

- 1) To prove that learning a new language is not easy
- 2) To show that our knowledge of our native language is perfect
- 3) To support the main point mentioned in an earlier statement in the same paragraph
- 4) To state that the mental effort you make to understand when others are talking to you is more than the mental effort you make when you yourself are talking.

220 According to paragraph 2, when one is watching a film in a foreign language -----.

- 1) subtitles are to be used if one is expected to be able to follow the line of the story perfectly enough
- 2) one can understand and enjoy the story even if one does not understand everything that the film characters say
- 3) one is very likely to miss 20 percent of the content of the film even if one is watching the film with subtitles
- 4) it is enough for one to understand 20 percent of what the characters in a film say in order to understand the general points in the film

221 In which paragraph has the author used exemplification to make herself better understood?

- 1) Only paragraph 1
- 2) Only paragraph 2
- 3) Only paragraph 4
- 4) Both paragraph 2 and paragraph 4

222 What makes the focus of paragraph 4 different from the focus of the first three paragraphs is that this paragraph is concerned more with the role of language in .

- 1) bringing people together
- 2) research-related activities
- 3) enhancing scientific achievements
- 4) cultural development in the world

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

They are quite a talking point in Italy at the moment, these so called mammoni. Just why is it that Italian 'children' leave home so late in life? Many stay with their parents until well into their thirties. Some never leave the family nest at all. One reason is the Italian education system. It may seem unbelievable to those of you who finished your degree at the age of 21, but most Italian students don't graduate until their late twenties. It is up to their families to support them financially, as the few scholarships granted are given to those from large families with lots of brothers and sisters who are also students.

Another reason is the bella figura, which is still such an important part of Italian life. Roughly translated, this means to create a good impression on others. In order to achieve labella figura it is quite normal for Italian youngsters to be given a brand new car at the age of 18, plus a mobile phone, and of course there will be no lack of parental handouts for new clothes, shoes, sunglasses and all those other essentials. Naturally this means there is no contribution to the housekeeping, even if the child is earning. One 35-year-old teacher, who is my friend, very honestly said, "My parents pay the bills and in exchange I'm there for them if they need me. I'm not unusual."

کنکور سراسری زبان داخل ۱۳۹۶

223 The word "They" in paragraph 1 refers to Italian -----.

- 1) family patterns
- 2) parents who are in their thirties
- 3) children leaving home so late in life
- 4) young people tending to get a college degree late in life

224 According to the passage, those Italian students who get financial aid for college education --
-----.

- 1) should then support their brothers and sisters
- 2) come from large families with talented children
- 3) can be hopeful to end their education before the age of 21
- 4) are not as great in number as those who go to college without such aid

225 The passage states that those young people whose families give them cars, mobile phones, and so on -----.

- 1) are not required to help around the house
- 2) should begin working as soon as they can
- 3) are not likely to live independently until they are 35
- 4) are expected to behave well enough to be a model for youngsters in other families

226 The author refers to a friend of his in paragraph 2 in order to -----.

- 1) mention an exception
- 2) introduce another reason
- 3) modify and earlier statement
- 4) further support the main point of the same paragraph

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Protein plays a very important role in a successful health, beauty, and anti-aging program. It is the basic material of life. In fact, the word protein comes from an ancient Greek word meaning "of first importance."

The body could not grow or function without it. As protein is digested, it breaks down into amino acids, which are then used by the cells to repair themselves. Since the human body can manufacture only 11 of the 20 amino acids that are essential for life, the remaining 9 must be provided through the intake of dietary protein.

Without enough protein, our bodies enter into a fast aging mode. Our muscles, organs, bones, cartilage, skin, and the antibodies that protect us from disease are all made of protein. Even the enzymes that take part in essential chemical reactions in the body_ from digestion to building cells_ are made of protein. If your cells do not have complete access to all the essential amino acids, cellular repair will be incomplete and also much slower.

It's important to note that protein cannot be stored in our bodies; therefore, we need to have a good source of quality protein at each meal for optimum health and cellular repair.

کنکور سراسری ریاضی و فیزیک خارج از کشور ۱۳۹۶

کنکور سراسری علوم تجربی خارج از کشور ۱۳۹۶

کنکور سراسری علوم انسانی خارج از کشور ۱۳۹۶

کنکور سراسری هنر خارج از کشور ۱۳۹۶

کنکور سراسری زبان خارج از کشور ۱۳۹۶

227 What aspect of protein does the passage mainly discuss?

- 1) What it does
- 2) What it is made up of
- 3) How it is produced
- 4) Where it can be found

228 Which of the following is TRUE about the origin of the word "protein?"

- 1) It is related to words meaning health, beauty, and anti-aging.
- 2) The actual word which it originally comes from means something that matches the importance of protein for the human body.
- 3) It comes from a word in the English language which has a similar meaning to a word in Greek meaning "of first importance"
- 4) It goes back to a word in the Greek language which was invented when the role of protein in protecting our health was first discovered.

229 Which of the following is NOT true about protein, according to the passage?

- 1) It is the source of amino acids that human cells need to repair themselves.
- 2) What the human body uses to protect itself against illnesses is made of protein.
- 3) The source of all the amino acids that the human body needs to function properly is the protein we consume.
- 4) In order to repair themselves, our cells require a number of amino acids some of which are provided through the intake of dietary protein.

230 It can be understood from the passage that enzymes -----.

- 1) take part in the cell-building process
- 2) are needed for the production of protein in the body
- 3) make it possible for our cells to have access to the essential amino acids
- 4) are the product of a number of essential chemical reactions in the human body

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Dolphins are highly social animals, often living in pods of up to a dozen individuals, though pod sizes and structures vary greatly between species and locations. In places with a high abundance of food, pods can go together temporarily, forming a superpod; such groupings may go beyond 1,000 dolphins. Membership in pods is not rigid; interchange is common. Dolphins can, however, have strong social relations; they will stay with injured or ill individuals, even helping them to breathe by bringing them to the surface if needed.

This altruism does not appear to be limited to their own species.

The dolphin Moko in New Zealand has been observed guiding a female Pygmy Sperm Whale together with her baby out of shallow water where they had stranded several times. They have also been seen protecting swimmers from sharks by swimming circles around the swimmers or attacking the sharks to make them go away.

کنکور سراسری ریاضی و فیزیک خارج از کشور ۱۳۹۶
کنکور سراسری علوم تجربی خارج از کشور ۱۳۹۶
کنکور سراسری علوم انسانی خارج از کشور ۱۳۹۶
کنکور سراسری هنر خارج از کشور ۱۳۹۶
کنکور سراسری زبان خارج از کشور ۱۳۹۶

231 . What is the best title for the passage?

- | | |
|---------------------------------|--------------------------------|
| 1) Dolphins: Highly Intelligent | 2) Humans and Dolphins |
| 3) The Most Playful Animal | 4) Social Behavior of Dolphins |

232 According to the passage, a superpod -----.

- | | |
|-------------------------------------|---|
| 1) is rarely formed | 2) includes hundreds of dolphins |
| 3) stays as it is once it is formed | 4) can be seen where there is much food |

233 What does the phrase "This altruism" in paragraph I mean?

- | | |
|--------------------------------------|---|
| 1) Coming to the surface to breathe | 2) To establish strong social relations |
| 3) Dolphin's becoming injured or ill | 4) Dolphins' helping each other |

234 The passage mentions the dolphin Moko in New Zealand to -----.

- 1) support an earlier statement
- 2) give an example of dolphins' family life
- 3) show that there are various dolphin species
- 4) Prove that dolphins are more intelligent than other sea animals

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Heart disease is Western society's number-one killer. It accounts for one-third of deaths in America and for well over half the deaths among middle-aged men. Heart disease was relatively rare in America at the start of the 20th century, but it has risen greatly since then, with a slight downturn since 1960. Heart disease is often viewed as a disease of modern living, spurred on by the habits and the stress of industrialized society. Evidence for this idea comes from the fact that non-Western societies have relatively low rates of heart disease. And there is a higher rate of heart disease among immigrants to America, such as Japanese-Americans and Chinese-Americans, than among those who remain in their native country, suggesting that something about the Western environment promotes the development of the disease.

Heart disease usually involves the formation of a fatty substance called plaque in the walls of the coronary arteries that are arteries supplying blood to the heart. If the arteries become narrowed enough or blocked, the person may suffer a heart attack (death of a region of heart muscle tissue). Among the many factors that have been found to be related to the risk of developing heart disease are high blood pressure (or hypertension), a history of heart disease among one's close relatives (indicating a possible genetic predisposition to the disease), cigarette smoking, being relatively overweight, and a high level of a fatty substance called cholesterol in the blood.

کنکور سراسری هنر داخل ۱۳۹۶

235 According to the passage, when did heart disease begin to rise?

- 1) A few years before 1960
- 2) After the 20th century began
- 3) When people began to leave their home countries
- 4) When the number of middle-aged people increased

236 What does the writer mean by "this idea" in paragraph 1?

- 1) The fact that heart disease is number-one killer in America
- 2) The fact that non-Americans have a low rate of heart disease
- 3) The fact that a rise in heart disease is a product of modern life
- 4) The fact that it is stressful to make a society a very industrialized one

237 Which of the following is TRUE about "those who remain in their native country," (paragraph 1)?

- 1) They are those people in non-Western countries who do not leave their country.
- 2) They are more likely to have heart disease because they do not have a healthy lifestyle.
- 3) They are those Japanese-Americans and Chinese-Americans who go back to their native countries.
- 4) They are those people from non-Western countries who seem to have a family record of heart disease.

238 Which of the following is NOT defined in the passage?

- | | |
|-------------------------------|------------------------------------|
| 1) plaque (paragraph 2) | 2) coronary arteries (paragraph 2) |
| 3) heart attack (paragraph 2) | 4) close relatives (paragraph 2) |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

A person suffering from diabetes is one whose blood sugar levels are very high. Recently a large study has found that eating fresh fruit may reduce the risk for developing diabetes, and the risk for its complications. Fresh fruit has well-known health benefits. But some experts and some people with diabetes question whether its high sugar content could pose risks.

The study, in PLOS Medicine, tracked diet and health in 512,891 Chinese men and women aged between 30 to 79 for an average of seven years, controlling for smoking, blood pressure and other factors.

Among those without diabetes at the start, eating fresh fruit daily was associated with a 12 percent lower risk of developing the disease compared with those who ate none. The more frequently they ate fruit, the lower their risk.

In people who were already diabetic, those who ate fruit three times a week had a 17 percent lower risk of all-cause mortality, and a lower risk for diabetic complications like heart and kidney disease, that those who didn't eat fruit.

The study was observational and the reason for the effect remains unclear. But the lead author, Dr. Huaidong Du, a research fellow at the University of Oxford, said "the sugar in fruit is not the same as the sugar in manufactured foods and may be metabolized differently. And there are other nutrients in fruit that may benefit in other ways."

کنکور سراسری زبان داخل ۱۳۹۶

قلمچی ریاضی و فیزیک دوازدهم آزمون شماره ۷ تابستان ۱۳۹۸

قلمچی علوم انسانی دوازدهم آزمون شماره ۷ تابستان ۱۳۹۸

239 What aspect of fresh fruit does the passage mainly discuss?

- 1) A function it serves
- 2) Ways to make use of it
- 3) Parts of which it consists
- 4) A way to use it to design medical research

240 It can be understood from the passage that the reason for the effect of fresh fruit on diabetes is -----.

- 1) yet to be discovered
- 2) fully understood now
- 3) definitely related to the sugar type it contains
- 4) probably because of its being specially rich in nutrients

241 In the study reported in the passage, who ran a 12 percent lower risk of developing diabetes?

- 1) Those who used to eat no fresh fruit at the start
- 2) Those who had the problem of diabetes at the beginning of the study
- 3) Those who were not diabetic and had a daily consumption of fresh fruit
- 4) Those diabetic people who were put on a diet including the use of fruit at least three times a day

242 Which of the following can be understood from the passage about those people who were included in the study?

- 1) They had a family record of diabetes.
- 2) They did not eat the same amount of fresh fruit daily.
- 3) They included Chinese men and women of all age ranges.
- 4) They were a number of people who had a good chance of falling victim to diabetes.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Television has become so widespread that many British children now combine it with other activities, including social networking online, looking from their laptop to the TV screen and back again. Even if they are concentrating on the television, young people are now unwilling to watch just one program, with boys in particular often switching between channels to keep up with two programs at the same time. The survey, conducted by the market research agency Childwise, will increase worries that childhood is increasingly about private space and sedentary activities and less about play, social interaction or the child's own imagination.

The government's recent Children's Plan focused on improving play facilities as a means of ensuring a more balanced life for young people who spend a lot of time watching television. Today's survey findings show that after decreasing for three years, television-watching among children is now increasing again. This is mainly the result of more girls watching television series.

Internet use is also continuing to increase rapidly. This means British children spend an average of five hours and 20 minutes in front of a screen a day, up from four hours and 40 minutes five years ago. Reading books for pleasure, on the other hand, continues to decrease as a regular pastime. While four out of five children read books in their own free time, only a quarter do so daily and 53% at least once a week.

کنکور سراسری علوم انسانی داخل ۱۳۹۶

243 What does the passage mainly discuss?

- 1) The development of bad habits among children
- 2) The findings of new research methods in Britain
- 3) Why the Internet is taking the place of television
- 4) The negative effect of television watching on children

244 According to the passage, which of the following has experienced a decreasing trend among children?

- 1) TV Watching
- 2) Social Interaction
- 3) Private Space
- 4) Research-related Activities

245 Which of the following statements is FALSE, according to the passage?

- 1) Television watching has been on the decrease in the past ten years.
- 2) Doing several things at the same time is not a rare phenomenon among children these days.
- 3) It is stated by some that children on average spend five hours and 20 minutes in front of a computer screen daily.
- 4) Some people believe that if children spend a lot of time watching television, they do not have a life balanced enough.

246 Which one of the following best describes the function of paragraph 3 in relation to paragraphs 1 and 2?

- 1) It denies the seriousness of the problem described in those paragraphs.
- 2) It modifies the claim of those paragraphs through facts and figures.
- 3) It provides an exception to the rule mentioned in those paragraphs.
- 4) It further supports the points made in those paragraphs.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

It was the first day of school and Josh knew it wasn't going to be a good one. It was only 8:10 and he was already running late and had already gotten into a row with his mother. As he ran very fast to catch the bus, he felt bad about leaving his mom still angry. After all, she was right- he should have gotten up when the alarm clock went off. The driver waited just a moment before shutting the bus doors.

Josh froze in his tracks as he watched the bus go away. Now he would have to go back home and not only face his mom, but also ask her for a ride to school. Josh closed his eyes for a moment, then opened them wide (His mom said this makes him calm. He hoped she was doing it, too.) Then he shoved his hands into his pockets and walked back home.

Mom didn't even look shocked to see him when he came back in the door. It was more of a glare. Josh knew what that meant- I told you so. Rather than argue with his mom, he just apologized and sweetly asked for a ride to school. Mom's face softened and she went to get her keys.

کنکور سراسری علوم انسانی داخل ۱۳۹۶

247 Josh knew that his first day of school was not going to be a good one because ----- .

- 1) his mother did not like him
- 2) he did not enjoy going to school
- 3) he had not gotten up early enough for school
- 4) his mother would not agree to take him to school in her car

248 According to the passage, the bus driver ----- .

- 1) did not stop to pick Josh up
- 2) saw Josh but did not let him in
- 3) thought that Josh did not plan to go to school
- 4) did not wait long enough for Josh to catch the bus

249 Why did Josh close his eyes after the bus left him alone?

- 1) To bring himself comfort
- 2) To find out what to do next
- 3) To make his mom feel calm
- 4) To imagine what would happen at home

250 Which of the following best describes his mother's first reaction when she saw him come back home?

- 1) Shocked
- 2) Angry
- 3) Anxious
- 4) Friendly

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

One of the most important decisions at the time when people grow up and become adults is what job or career to choose. However, with so many possibilities to choose from, this decision is often a difficult one to make. In addition, there are many factors that may influence an individual in the choice of a career and some of these may be conflicting. For example, family pressure, the potential for earning money, and one's own personal interest may all be factors that pull an individual in three different directions when trying to decide what career path to follow.

Although it is often stated that by the time a person is a young adult they will know what they want to "do with their life," in fact, the process of finding a career may take a long time. It is not uncommon for an individual to try more than one career before finding the one that leads to job satisfaction.

Clearly young adulthood is a period of stress. It is a time for raising a family, finding and maintaining the "right" job, and keeping a balance among self, family, job, and society at large. It is a period of life that requires great energy. Fortunately, in terms of physical development, we are at something of a peak during our 20s and 30s.

As Levinson (1986) has stated, "early adulthood is the era of greatest energy and abundance and of greatest contradiction and stress."

251 Why does the author mention "family pressure, the potential for earning money, and one's own personal interest," in paragraph 1?

- 1) To give examples of adult responsibilities
- 2) to explain why adults need to choose a career
- 3) To introduce some of the factors that influence an adult's choice of a career
- 4) To discuss the positive and negative effects of every career choice

252 The word "one" in paragraph 1 refers to -----.

- | | |
|-------------|----------------|
| 1) factor | 2) career |
| 3) decision | 4) possibility |

253 Which of the following is NOT true, according to the passage?

- 1) Early adulthood is a period in which adults undergo stress.
- 2) individual young adults do not all exactly know what they want to do with their life.
- 3) Keeping a balance among self, family, job, and society can be a source of stress for young adults.
- 4) It is highly unlikely for a young adult to change jobs before he/she starts the one he/she really comes to love.

254 The passage is primarily intended to -----.

- | | |
|------------------------|----------------------|
| 1) inform | 2) make a suggestion |
| 3) introduce a finding | 4) provide advice |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

For centuries there have been descriptions of unusual animal behavior happening before and related to earthquakes. In cases where animals show unusual behavior some tens of seconds before a quake, it has been suggested they are responding to the P-waves. These travel through the ground about twice as fast as the S-waves that cause most severe shaking. They predict not the earthquake itself-that has already happened-but only the possible arrival of the more destructive S-waves.

In the 1970s, scientists thought that a practical method for predicting earthquakes would soon be found, but by the 1990s continuing failure led many to question whether it was even possible. Demonstrably successful predictions of large earthquakes have not occurred and the few claims of success are not accepted by all scientists. For example, the most famous claim of a successful prediction is related to the 1975 Haicheng earthquake. A later study said that there was no valid short-term prediction. Extensive searches have reported many possible earthquake signals, but, so far, such signals have not been reliably identified across significant spatial and temporal scales. While part of the scientific community hold that, considering non-seismic signals or precursors and given enough resources to study them extensively, prediction might be possible, most scientists are not that positive and some say that earthquake prediction is inherently impossible.

کنکور سراسری علوم تجربی داخل ۱۳۹۶

255 The word They in paragraph 1 refers to -----.

- | | |
|------------|-----------------------------|
| 1) P-waves | 2) animals |
| 3) S-waves | 4) both S-waves and P-waves |

256 Which of the following can be understood from the passage about scientists' opinion about earthquake prediction?

- 1) They do not agree with one another about the possibility of earthquake prediction.
- 2) They believe that using old methods such as animal behavior observation is very useful.
- 3) They argue that due to a change in earthquake types, earthquake prediction is not as exact as it used to be.
- 4) They state that success in earthquake prediction is more likely if they just engage themselves in short-term predictions.

257 The writer mentions the 1975 Haicheng earthquake in paragraph 2 because it -----.

- 1) is well known all over the world
- 2) was predicted pretty well and just in time
- 3) was one of the strongest earthquakes that could have caused much damage
- 4) is claimed to have been predicted, a claim with which not all scientists actually agree

258 There is enough information in the passage to answer which of the following questions?

- 1) How much faster do P-waves travel compared to S-waves?
- 2) Why is it that S-waves are more destructive than P-waves are?
- 3) In what cases did scientists fail to predict earthquakes in the 1990s?
- 4) What kind of unusual animal behavior can be a signal of an upcoming earthquake?

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Roald Dahl was one of the most successful writers of children's books who ever lived. He sold millions of books all over the world. He is so famous there is even a Roald Dahl Museum you can visit. Many of his books have been made into films and videos.

Roald Dahl was born in 1916 in Wales. His father was rich but he died when Roald was very young. Roald's mother brought him up. He hated school and left school as soon as he could. Roald went to Africa to seek his fortune, and he spent two years working for an oil company. In 1939 Roald joined the Air Force as a pilot, but he had a bad crash in the desert. His injuries made him limp for the rest of his life. After this Roald went to America where he wrote a story about his adventures as a pilot. It was so good it was published in a magazine.

Roald met and married Patricia Neal. They bought a house in England and had five children. Between 1960 and 1965 three terrible things happened. Theo, one of his children, was hit by a taxi in New York and was badly hurt. Luckily, he recovered. However, Olivia, one of Roald's daughters, died of a rare illness. Soon after this, his wife also had a serious illness. It took her two years to get completely better. After these two difficult years, his days of success finally arrived.

کنکور سراسری ریاضی و فیزیک داخل ۱۳۹۶

259 Which of the following best suits the topic of the paragraph immediately following this passage?

- 1) A new chapter in Roald's life
- 2) The success that Roald's daughter had
- 3) How Roald helped his wife feel healthy again
- 4) The reason why Roald turned to story writing

260 According to the passage, Roald thought he would be able to make much money when he -
-----.

- 1) started a museum
- 2) left Wales for Africa
- 3) began writing stories for children
- 4) went to a country in Africa to discover oil

261 Which of the following is TRUE about Roald?

- 1) Sad events happened in his life in the first half of the 1960s.
- 2) The airplane accident he had did not physically damage him.
- 3) He did not have any formal schooling because he disliked schools.
- 4) His stories somehow reflect the events that in fact happened in his lifetime.

262 The passage provides enough information to answer which of the following questions?

- 1) How old was Olivia when she died?
- 2) How long did Roald serve the Air Force as a pilot?
- 3) Why were Roald's books used as a source for filmmaking?
- 4) Where did Roald write a story about his adventures as a pilot?

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

There is a big difference between the amount of sleep you can get by on and the amount you need to function optimally. According to the National Institutes of Health, the average adult sleeps less than seven hours per night. In today's fast-paced society, six or seven hours of sleep may sound pretty good. In reality, though, if you sleep that long, you are most probably not getting the sleep you need. Just because you're able to operate on six or seven hours of sleep doesn't mean you wouldn't feel a lot better and get more done if you spent an extra hour or two in bed.

While sleep requirements vary slightly from person to person, most healthy adults need between 7 to 9 hours of sleep per night to function at their best. Children and teenagers need even more. And despite the notion that our sleep needs decrease with age, most older people still need at least 7 hours of sleep. Since older adults often have trouble sleeping this long at night, daytime naps can help fill in the gap.

کنکور سراسری ریاضی و فیزیک داخل ۱۳۹۶

263 What is the main idea of the passage?

- | | |
|------------------------------------|--|
| 1) Differences in sleep patterns | 2) Ways to improve our sleeping habits |
| 3) The amount of sleep humans need | 4) Reasons why we do not sleep enough |

264 According to the passage, the appropriate number of hours of sleep for people -----.

- 1) is on the rise in today's fast-paced society
- 2) is something between 6 to 7 hours per day
- 3) depends on their daily function
- 4) is not exactly the same

265 What does the author mean by "that long" in paragraph 1?

- 1) As much sleep as required
- 2) Six or seven hours of sleep
- 3) Longer than seven hours of sleep per night
- 4) The length of time you actually sleep in real life

266 With which of the following statements is the author more likely to agree?

- 1) All people need daytime naps these days.
- 2) As people age, they tend to sleep longer hours.
- 3) Today's society is a fast-paced one because people cannot function optimally.
- 4) Children and teenagers in general need more than 7 to 9 hours of sleep per day.



Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

A Plastic Ocean is a film, to make you think. Think, and then act. We need to take action on our dependence on plastic. We have been producing plastic in huge quantities since the 1940s. Drink bottles, shopping bags, toiletries, and even clothes are made with plastic. We live in a world full of plastics and only a small proportion is recycled. What happens to all the rest? This is the question the film A Plastic Ocean answers. It is a documentary that looks at the impact that plastic waste has on the environment. The impact is devastating.

The film begins as a journey to film the largest animal on the planet, the blue whale. But during the journey, the filmmakers make the shocking discovery of a huge, thick layer of plastics floating in the middle of the Indian ocean. This prompts them to travel around the world to look at other areas that have been affected. In total, they visited 20 locations around the world during the four years it took them to make the film.

It is very clear that a lot of research went into the film. There are beautiful shots of the seas and marine life. These are contrasted with scenes of polluted cities and dumps full of plastic rubbish, We see how marine species are being killed by all the plastic we are dumping in the ocean. The message about our use of plastic is painfully obvious.

کنکور سراسری علوم انسانی خارج از کشور ۱۴۰۰

1 What is the author's main purpose in the passage?

- 1) To compare several filmmakers
- 2) To suggest a solution to a problem
- 3) To explain the causes of plastic dumping
- 4) To provide details about a documentary

2 The phrase "the rest" in paragraph I refers to ----- .

- 1) plastic that is not recycled
- 2) the world which is full of plastic
- 3) the question A Plastic Ocean answers
- 4) a small amount of plastic which is not reused

3 According to the passage, the filmmakers who are shown in A Plastic Ocean ----- .

- 1) are against blue whale hunting
- 2) do not plan to make a film about plastic pollution at first
- 3) spend over 4 years working in the Indian ocean
- 4) do not film location which are far away

4 According to the passage, which of the following statements about A Plastic Ocean is TRUE?

- 1) It is based on extensive research.
- 2) It takes attention away from marine life problems.
- 3) It mostly contains scenes of polluted cities.
- 4) It is hard for nonscientists to understand.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

What's the most useful way of learning a language? Is it writing essays or doing grammar exercises? The answer is clear --- whatever you like doing. Evidence shows that the most successful language learners are those who find something they like to do with their chosen language and do it again and again. And it doesn't really matter what the activity is.

Some of the clearest evidence of this has come through research into reading. Stephen D. Krashen, a well-known second language researcher, decided to look at how well language learners who read for fun did in grammar tests. He discovered that they better than people who went on courses and it wasn't important what books they read.

To prove this, he gave students books from series called Sweet Valley High. These are popular books about teenage life. Although the books' literary quality may not have been high, the readers made good progress in vocabulary, reading, and speaking tests. In a separate case study, a girl improved her writing so much that her angry teacher accused her of copying. The only explanation she had was that she'd started reading regularly.

کنکور سراسری هنر داخل ۱۴۰۰

5 What is the primary purpose of the passage?

- 1) To introduce a researcher and his recent findings
- 2) To prove the inaccuracy of a commonly held view
- 3) To answer a question related to learning a language
- 4) To describe one of the most important research findings

6 It can be concluded from the passage that the people who took part in Krashen's study --
----- .

- 1) spoke English as their native language
- 2) had already learned a second language fully
- 3) liked to read book with a high literary quality
- 4) were interested in reading in a foreign language

7 Why has the author mentioned "a separated case study" in paragraph 3?

- 1) To argue that reading is useful for girls as well as boys
- 2) To show that practice in reading effects one's progress in other language-related areas
- 3) To prove that giving learners practice in writing is as effective as giving them practice in reading
- 4) To conclude that writing in a foreign language can make people turn to reading texts more regularly

8 Which of the following statements is supported by the passage?

- 1) If second language learners find something fun to do each of the four language skills, they soon realize the reading is the most enjoyable language skill.
- 2) Language learners learn best when their teachers focus on one basic language skill most of the time.
- 3) People can learn language faster if and only if they read passage as often as possible.
- 4) The best strategy to follow to learn a language may vary from person to person.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

A team of social psychologists has spent six years studying the reactions of people in cities around the world to different situations. The results show that cities where people have less money generally have friendlier populations. Rio de Janeiro in Brazil, which is often known for its crime, come out top, and the capital of Malawi, Lilongwe, comes third. But what makes one city friendlier than other?

The researchers who did the study say it has got more to do with environment than culture or nationality. They carried out a study into the way locals behaved towards strangers in 23 cities around the world. The team conducted their research through a series of tests. Where the dropped pens or pretended they were blind and needed help crossing the street. The study concludes that people are more helpful in cities with a more relaxed way of life such as Rio. While they were there, researchers received help in 93 percent of cases, and the percentage in Lilongwe was only a little lower.

However, inhabitants of Amsterdam and New York are considered the least friendly. Inhabitants of Amsterdam helped the researchers in 53 percent of cases and in New York just 44 percent. The psychologists found that, in these cities, people tend to be short of time, so they hurry and often ignore strangers.

کنکور سراسری هنر داخل ۱۴۰۰

9 What is the best title for the passage?

- 1) The World's Friendliest Cities
- 2) Psychology of Friendly People
- 3) Friendliness in Different cultures
- 4) Friendliness: A Common Human Behavior

10 According to the passage if you are unable to see but need help, where are you the least likely to get help from people when you need it?

- | | |
|-------------|--------------|
| 1) Rio | 2) Lilongwe |
| 3) New York | 4) Amsterdam |

11 The word "it" in paragraph 2 refers to ----- .

- | | |
|----------------|-----------------|
| 1) study | 2) behavior |
| 3) environment | 4) friendliness |

12 The passage provides enough information to answer which of the following questions?

- 1) How did the researchers manage to measure people's wealth in the cities studied?
- 2) What method did the researchers use to collect data for their experiment?
- 3) How many cities were excluded from the study reported in the passage?
- 4) What kind of people are more likely to get the help they ask for?

Cloze

Directions: Read the following passage and decide which choice (1), (2), (3), or (4) best fits each space.

Della had a sad experience (13) ----- driving home last night. She traveled along the dark, winding road (14) ----- toward her home. She was only two miles from her house when she saw a glimmer of light in the road. The next thing she knew, she heard a sickening sound and realized she had (15) ----- an animal. The light, she realized, had been its eyes (16) ----- in her car's headlights. Della stopped the car and run back to see what she had hit. It was a handsome cocker spaniel with blond fur and long ears. As she looked more (17) ----- at the still form, she realized there was nothing to be done. The dog was dead.

کنکور سراسری زبان داخل ۱۴۰۰

13 1) for 2) by

3) during 4) while

14 1) led 2) that led

3) to lead 4) which it led

15 1) lost 2) caught

3) hit 4) quite

16

- | | |
|---------------|--------------|
| 1) endangered | 2) generated |
| 3) reflected | 4) informed |

17

- | | |
|--------------|-----------------|
| 1) carefully | 2) safely |
| 3) widely | 4) accidentally |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

For some of us, playing computer games can be considered a "guilty pleasure" which we may feel embarrassed by or feel we can't discuss properly. Unfortunately, gaming has had his unnecessary stigma ever since arcade machines. Some of us just don't understand why video games are so attractive. But have we ever asked why or even tried explaining our love for the art beyond the simple fact that it's fun? Isn't there more to it than that?

The short answer to this, is "challenge". Have you ever watched a film or listened to a piece of music? Of course you have, who hasn't! Our enjoyment from these comes from stories, the music, the lyrics, the characters, the twists and the turns along with how we respond to them on an emotional level. A big reason why watching a film or listening to a song is so common for us is because it's easy! Push a button, plug in your headphones and you're away. Media in this sense is given to us as one without any input from ourselves.

Now imagine if you were watching a film and it suddenly stopped. You as the viewer are then tasked with controlling the world pushing characters along, resolving conflicts, making the important decisions and finally progressing the story to a conclusion. Sound fun? Well, that's ultimately what a game is. We are in charge of the story.

کنکور سراسری زبان داخل ۱۴۰۰

18

What does the passage mainly discuss?

- 1) Why playing computer games seems interesting
- 2) Effects of computer games on people playing them
- 3) Positive and negatives of people playing video games
- 4) Differences between watching TV and playing video games

19) What is the function of the first paragraph in relation to the whole passage?

- 1) It gives a brief explanation about the beginnings of a popular event the passage generally discusses.
- 2) It summarizes the views of those people against computer games, as discussed in the passage.
- 3) It gives a brief explanation about the beginnings of a popular event the passage generally discusses.
- 4) It generally describes an art form that resulted in computer games later discussed in detail in the passage.

20) Why does the author mention "a film" and "a piece of music" in paragraph 2?

- 1) To explain why they are so popular
- 2) To show how they were replaced by computer games
- 3) To prove that whatever engages our senses is attractive
- 4) To use examples to try explain the main point of the passage

21) What is the main purpose of the phrase "Sound fun?" in paragraph 3?

- 1) To ask the reader for help
- 2) To get the reader's agreement
- 3) To make the reader a bit confused
- 4) To make the reader change his/her mind

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

OK, I'm going to talk about influence of nature versus nurture. And I'd like to begin by stating that, as I see it, by far the strongest influence has to be "nature". The reason I think this is that I believe the way we're trained in the home environment will have a much stronger influence on how we behave than anything that's in our genes. I mean, some people will argue that our abilities are determined pretty much exclusively by our genes, so if your father was a great scientist with natural ability for mathematics, then there's a pretty good chance that you might inherit that same ability.

Personally, I think it's not acceptable to suggest this. I think that when a parent has a particular strength, or interest, or achieves something wonderful in a particular field, then the chances are that when they have children, they will try to transfer to the children the same kind of interest; they will pass on their knowledge, their passion for the subject, and so they are quite likely to engage the child in activities related to that field, perhaps for a quite a lot of the child's time. And it's as a result of this that the child may also develop strengths or abilities in the same field. I absolutely deny the idea that nature endows us with these inborn abilities. I mean, you can be born with the best natural musical ability in the universe, but if you don't practice the piano, then nothing will come of it. On the other hand, I think you can teach people to do just about anything, so long as you dedicate time and give child the right kind of encouragement, or put them in the right situation.

کنکور سراسری زبان داخل ۱۴۰۰

22 Which of the following words or phrases is the word "nurture", as it is used in the passage, closest in meaning to?

- | | |
|--------------------------------------|---|
| 1) Pre-determined ability | 2) Interest in learning new skills |
| 3) The abilities stored in our genes | 4) Learning through training and experience |

23 Which of following best describes the author's attitude toward the belief of those people who argue that our abilities are determined pretty much exclusively by our genes?

- | | |
|-----------|----------------|
| 1) Praise | 2) Agreement |
| 3) Doubt | 4) Disapproval |

24 What does the phrase "that field" in the passage refer to?

- 1) What interests said
- 2) What a parent is good at
- 3) What is inborn a child
- 4) What is needed to make a child successful

25 According to the author, if a baby girl is born with an excellent ability to play the piano, she ----- .

- 1) will for sure turn out to be a great pianist
- 2) needs her parents "emotional support", more than anything else, to succeed
- 3) has one of the necessary conditions to become a great pianist, but this is not enough
- 4) could then transfer this inner ability to other fields only if those fields are art-related

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Culture shock begins with the "honeymoon stage". This is the period of time when we, travelers, first arrive on a foreign country. In this stage, everything about new culture is strange and exciting. We may be suffering from "jet lag" but we are thrilled to be in the new environment, seeing new sight, hearing new sounds and language, eating new kind of food. This honeymoon stage can last for quite a long time because we feel we are involved in some kind of great adventure.

Unfortunately, the second stage of culture shock can be more difficult. After we have settled down into our new life, working or studying, buying groceries, doing laundry, or living with a home-stay family, we can become very tired and begin to miss our homeland and our family, friend, pets. All the little problems that everybody in life has seem to be much bigger and more disturbing when you face them in foreign culture. This period of cultural adjustment can be very difficult and lead to the new arrival rejecting or pulling away from the new culture. This "rejection stage" can be quite dangerous because the visitor may develop unhealthy habits (smoking too much, being too concerned over food or contact with people from the new culture). This can, unfortunately, lead to the person getting sick or developing skin infections or rashes which then makes the person feel even more scared and confused the helpless. This stage is considered a crisis in the process of cultural adjustment many people choose to go back to their homeland or spend all their time with people from their own culture speaking their native language.

کنکور سراسری علوم انسانی خارج از کشور ۱۴۰۰

26 What does the passage mainly discuss?

- 1) Who suffers most in the first and second stages of culture shock
- 2) Culture shock and success in a foreign country
- 3) Difficulties of moving to a foreign country
- 4) The first two stages of culture shock

27 It is suggested in paragraph 1 that in the honeymoon stage hearing new sounds and languages ----- .

- 1) has a positive influence on travelers
- 2) sometimes makes travelers confused
- 3) is the most important source of entertainment for travelers
- 4) is more enjoyable for travelers than eating new kinds of food

28 The word "that" in paragraph 2 refers to ----- .

- 1) life
- 2) problems
- 3) everybody
- 4) culture

29 Which of the following statements about a person in the rejection stage is NOT supported by the information in paragraph 2?

- 1) They may experience homesickness.
- 2) They may develop physical problems
- 3) They may feel they are wasting their kinetic energy.
- 4) They may develop habits that are harmful to their health

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Avocado's recent popularity growth is hard to ignore. As I have recently discovered from my recent trips around Europe, avocado is enjoying popularity beyond my native country. It is now on offer in most cafes and restaurants, especially when paired with poached eggs to create a delicious breakfast/lunch. On my recent trip to Berlin, I was delighted by avocado chocolate cake which seemed like a healthier and more nutritious option than the normal version. I bought it in a vintage bike caf . I tried it and it was delicious. Another day I went to a coffee place where the menu also offers avocado in all shapes and forms. My combination of toast, avocado, tomato jam, and hummus was fantastic. It got me thinking: is this avocado craze explained by scientific fact? So I decided to do a bit of research: what health benefits does avocado have to offer?

Well, there are quite a few reasons why avocado is described as a superfood . Avocado is packed full of important vitamins and minerals. It has numerous health benefits. In many ways, it helps us stay beautiful. It helps our digestive system which means it aids weight loss. It keeps our skin looking healthier and younger and our hair strong. It also has a positive impact on the inside of our bodies! It helps prevent heart disease because it helps us maintain low cholesterol levels. It also strengthens bones and helps our blood sugar levels stay at a healthy level.

کنکور سراسری ریاضی و فیزیک خارج از کشور ۱۴۰۰

کنکور سراسری هنر خارج از کشور ۱۴۰۰

کنکور سراسری زبان خارج از کشور ۱۴۰۰

کنکور سراسری علوم تجربی خارج از کشور ۱۴۰۰

30 What does the passage mainly discuss?

- 1) An interesting incident
- 2) Different types of avocado in Europe
- 3) A popular fruit and its advantages for health
- 4) Why a type of fruit is described as a superfood

31 Which of the following best describes the author's attitude toward avocado?

- | | |
|--------------|--------------|
| 1) Emotional | 2) Positive |
| 3) Balanced | 4) Concerned |

32 According to the passage, the writer ----- .

- 1) went on a trip to do research about avocado
- 2) tried avocado only in his/her favorite place
- 3) decided to collect information about avocado
- 4) introduced new combinations of avocado to other people on his/her trips around Europe

33 According to paragraph 2, which of the following is NOT TRUE about avocado?

- 1) It keeps our blood sugar at a safe level.
- 2) It contains important vitamins and minerals
- 3) The inside and the outside of our bodies are influenced by it.
- 4) It cures heart disease by controlling cholesterol levels.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Vegans can be hard to cook for. Like vegetarians, they do not eat meat. But they also rule out other animal products, like eggs, milk and sometimes even honey. There are different reasons people choose to be vegan, like animal welfare or as a way to eat healthier. But there is another reason that has been getting a lot of attention recently, last month, a big study came out looking into the effect our food has on the environment. And it found that eating less meat is one of the most important things we can do to help the planet. You see, a huge amount of the earth's resources goes into raising livestock for meat. In some places, forests are cleared to make a pace for animals and to grow their food. They also use a lot of water. And these ones in particular create a lot of carbon emissions. Cows are responsible for about 16 percent of the world's greenhouse gas emissions, the study says, to prevent permanent damage to our planet, the average world citizen needs to eat 75 percent less beef, and 50 percent fewer eggs. Of course, not everyone is going to go vegan or give up eating meat completely. But swapping your beef for beans or your chicken for chickpeas every so often might not be such a bad idea.

کنکور سراسری ریاضی و فیزیک خارج از کشور ۱۴۰۰

کنکور سراسری هنر خارج از کشور ۱۴۰۰

کنکور سراسری زبان خارج از کشور ۱۴۰۰

کنکور سراسری علوم تجربی خارج از کشور ۱۴۰۰

34 What does the passage mainly discuss?

- 1) Some animal products
- 2) The importance of eating less meat
- 3) Common interests of vegan and vegetarians
- 4) The relationship between our food and our health

35 Based on the information in the passage, which of the following is NOT one of the reasons why people choose to be vegan?

- 1) They want to be unique
- 2) They want to support animals
- 3) They want to have a healthier diet
- 4) They want to help protect the environment

36 The word "they" in the passage refers to ----- .

- | | |
|--------------|---------------------|
| 1) animals | 2) forests |
| 3) resources | 4) carbon emissions |

37 It is suggested in the passage that raising animals for food ----- .

- 1) cannot be prevented because it is a money making business
- 2) is as important as growing beans and chickpeas
- 3) is not a bad idea despite what studies say
- 4) has harmful effect on our planet

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Brainstorm a list of all the things that make you happy. Just write whatever comes into your mind without thinking about it too much. Now look at that list and tick all the ones that are fun or enjoyable. Probably most of them, right? So, if you could spend most of your time doing all this fun stuff, you would be really happy, surely?

Well, maybe not. For most people, only doing things for fun is not enough for long-term happiness. That is because, according to author of *Happiness by Design* Paul Dolan, your happiness depends on a 'pleasure-purpose balance'. If most of the things on your list of what makes you happy fall under the category of 'pleasure,' then that might be what you think makes you happy. But what will actually make you happy is balancing them out with activities that give your life purpose.

We tend to know straight away if something is enjoyable, but knowing what brings meaning and value requires more thought. For example, most people will say that air pilots have jobs with clear purpose. They are responsible for hundreds of people and fly all over the world. But in reality, their day-to-day work might involve spending time in boring hotels or stuck in airports waiting for flights, and routine actions they have performed hundreds of times. Those activities might not feel very meaningful- and they are probably not fun either. Just like everyone else, the pilot needs balance in their work and life to be happy.

کنکور سراسری علوم انسانی داخل ۱۴۰۰

38 The author's main purpose in the passage is to discuss -----

- 1) why doing fun activities is enough for our happiness
- 2) what actually makes people happy
- 3) the reasons for happiness
- 4) the effects of happiness

39 According to the passage, in *Happiness by Design*, Paul Dolan -----

- 1) answers a question
- 2) describes an experiment
- 3) supports an old way of thinking
- 4) provides interesting examples

40 The word "requires" in paragraph 3 is closest in meaning to -----

- 1) needs
- 2) receives
- 3) makes
- 4) depends

41 It is suggested in paragraph 3 that air pilots' work -----

- 1) never makes them want to give up
- 2) does not involve the repetition of certain tasks
- 3) may not be as meaningful as people commonly think
- 4) is considered to be both fun and purposeful by pilots themselves

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Netball is particularly popular in the UK, Australia and New Zealand and I have played this wonderful game since I was at primary school. It is a team sport which is similar to both basketball and handball. There are seven players on each team and they each wear a bib which shows the name of the position they play. Players must throw the ball to one another and the aim of the game is to pass the ball to the 'Goal Shooter' or 'Goal Attack' who can shoot the ball into the net to score a goal. However, the key aspects of netball are that you cannot bounce the ball and you cannot move your feet when you have the ball. This is called the footwork rule and it can be quite difficult to grasp for young children playing the game! A full match lasts for one hour and in a single match often about 100 goals are scored which shows what a fast-paced and exciting game netball is!

Netball is typically played by women and girls. However, at many universities, there are mixed netball leagues in which teams must have both male and female players. In the UK, there are many different schemes to try to inspire people to play netball. One such scheme is called 'Back to Netball' which encourages women who have not played netball since they were at school to rediscover their love for the sport and get back on the court! Walking netball is another variation of the sport aimed at older Women and those who want to exercise in a gentler way. So, why not watch a video of netball online and then have a go for yourself?

42 What is the author's main purpose in the passage?

- 1) To explain the rules of netball
- 2) To compare netball and walking netball
- 3) To give information about a specific sport
- 4) To explain the reasons for the popularity of a particular sport

43 The word "this" in paragraph 1 refers to which of the following?

- 1) That you cannot bounce the ball
- 2) That the aim of the game is passing the ball to the "Goal Shooter"
- 3) That you are not allowed to move your feet when you have the ball
- 4) That it can be quite difficult to grasp for young children playing the game

44 It is stated in the passage that 'Back to Netball' is a plan that -----

- 1) is about a gentler way of exercising
- 2) makes online videos of netball available
- 3) motivates UK women to try netball again
- 4) supports both male and female netball players in the UK

45 There is NOT sufficient information in the passage to answer which of the following questions?

- 1) How long does a full netball match last?
- 2) Which sports can netball be compared to?
- 3) How do netball players show their position in the match?
- 4) Why is walking netball safer than all the other variations of netball?

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

If you think of the jobs robots could never do, you would probably put doctors and teachers at the top of the list. It is easy to imagine robot cleaners and factory workers, but some jobs need human connection and creativity. But are we underestimating what robots can do? In some cases, they already perform better than doctors at diagnosing illness. Also, some patients might feel more comfortable sharing personal information with a machine than a person. Could there be a place for robots in education after all?

Education expert Anthony Seldon thinks so. And he even has a date for the robot takeover of the classroom: 2027. He predicts robots will do the main job of transferring information and teachers will be like assistants. Intelligent robots will read students' faces, movements and maybe even brain signals. Then they will adapt the information to each student. It is not a popular opinion and it is unlikely robots will ever have empathy and the ability to really connect with humans like another human can.

One thing is certain, though. A robot teacher is better than no teacher at all. In some parts of the world, there are not enough teachers and 9-16 per cent of children under the age of 14 do not go to school. That problem could be partly solved by robots because they can teach anywhere and will not get stressed, or tired, or move somewhere for an easier, higher- paid job.

کنکور سراسری علوم تجربی داخل ۱۴۰۰

46 What does the passage mainly discuss?

- | | |
|--------------------------------------|--------------------------------------|
| 1) Robots in education | 2) How robots connect with humans |
| 3) Different types of robot teachers | 4) How education will change in 2027 |

47 The word "diagnosing" in paragraph 1 is closest in meaning to -----

- | | |
|--------------|----------------|
| 1) avoiding | 2) warning |
| 3) consuming | 4) identifying |

48 It is suggested in paragraph 2 that Anthony Seldon's prediction about robots -----

- 1) does not seem to come true
- 2) has not been explained properly
- 3) has made human teachers worried
- 4) has supporters all around the world

49 Which of the following statements is TRUE according to paragraph 3?

- 1) 9- 16% of children younger than 14 want to work, but not go to school.
- 2) Human teachers are not available in some parts of the world.
- 3) Robots can help human teachers feel less stressed or tired.
- 4) Most of the teachers are not paid enough money

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

A few decades ago, professional footballers spent their nights partying. Now, they are much more aware of the benefits of a good night's sleep.

The change began in the mid- 1990s, when mattress salesman Nick Littlehales contacted the manager of the Manchester United football team, Alex Ferguson, asking whether he had ever considered how sleep affected performance on the football field. Interested, Ferguson arranged for Littlehales to give a presentation to his team. Before long, the whole team had new mattresses and pillows, and Littlehales soon became football's leading mattress advisor. In 1998, he supplied mattresses for England's World Cup team, and at the 2004 Euros, he created individual sleep routines for every player.

Gradually, club managers began to pay more attention to scientific sleep research, and for good reason. In 2011, a sleep specialist discovered that increasing sleep to 8- 10 hours per night massively increased the speed and shot accuracy of basketball players. Other research shows that a single night of inadequate sleep can increase the risk of injury, and 64 hours of bad sleep reduces strength, power and balance, and can even cause the body to eat its own muscles!

50 What does the passage mainly discuss?

- 1) A complete change in sleeping habits
- 2) Club managers and their decisions
- 3) The importance of sleep in professional sports
- 4) The relationship between sleep and sports injury

51 According to the passage, Alex Ferguson -----

- 1) was attracted to Littlehales' idea
- 2) was amazed by his players' partying
- 3) had a strange experience in the mid- 1990s
- 4) asked Littlehales to create sleep routines for his players

52 The word "supplied" in paragraph 2 is closest in meaning to -----

- | | |
|------------|-------------|
| 1) ordered | 2) chose |
| 3) donated | 4) provided |

53 Which of the following best describes the function of the last sentence in paragraph 3?

- 1) It introduces the topic of the next paragraph.
- 2) It corrects a wrong belief which was described in the previous sentence.
- 3) It adds more information to support what was stated earlier in the paragraph.
- 4) It explains that the argument given in the previous sentence is not based on facts.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

I am a big fan of trying to save the environment, and this month is the WWF (World Wide Fund for Nature) annual Earth Hour. Earth Hour is an event where you turn off all non-essential lights and power between 8-9 pm; things like your TV, computer and console. However, you do not just sit at home in the dark for an hour. Instead, people gather in groups and have fun without using power. Things like dancing, fireworks and musical performances are popular and it is very fun to take part.

Many celebrities also take part in Earth Hour and this year is very important as it is the tenth year of the project. Earth Hour is not just about saving energy: people involved in Earth Hour have also planted a forest in Uganda, built solar panels in India and passed a law to protect the sea in Argentina.

I have taken part in Earth Hour every year for the last five years and I have been part of lots of activities at school and at university. Last year, for example, my university had an outdoor cycle cinema. At the cycle cinema, the only way to keep watching the film is to keep pedaling your bike, if everyone stops, then the screen turns off! Luckily, there were many of us to help keep the movie going and we took turns. Although it was very cold outside at night, we had hot chocolate and blankets for the people who were not cycling. Everyone who was there had a lot of fun.

کنکور سراسری ریاضی و فیزیک داخل ۱۴۰۰

54 What is the author's main purpose in the passage?

- 1) To introduce a particular event
- 2) To compare some fun activities
- 3) To trace the origin of Earth Hour
- 4) To describe some ways of saving energy

55 According to the passage, people who take part in Earth Hour -----

- 1) are especially interested in protecting nature in Uganda, India and Argentina
- 2) must not stay away from home between 8 and 9 p.m.
- 3) use less electricity for a certain period of time
- 4) turn off all lights for one hour

56 It is suggested in the passage that at the cycle cinema -----

- 1) the screen turned off few times
- 2) not everyone knew how to ride a bike
- 3) the author had to pedal his/her bike nonstop
- 4) cold did not make anyone feel uncomfortable

57 Which of the following best describes the author's attitude towards Earth Hour?

- | | |
|--------------|--------------|
| 1) Annoyed | 2) Uncertain |
| 3) Surprised | 4) Amused |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

How many planets are there in our galaxy? That is a tricky question to answer. Are there other planets that support life? That is exactly what the Kepler mission hopes to discover. NASA launched the Kepler space telescope, designed to find habitable planets, in 2009. So far it has discovered live new Earth- sized planets beyond our solar system. These planets are holler than the Earth- much too hot for life as we know it. The Kepler team predict that they will need at least three years and possibly longer to find an Earth-like planet.

The simplest requirement for a planet to have life (carbon-based life like on Earth) is for there to be liquid water (not frozen or gas) so the distance from the planet's sun and therefore temperature are important. There also needs to be the correct amount of air. If a planet is as small as Mars (half the size of Earth) its weak gravity means that it cannot hold on to air molecules. If a planet is Neptune sized (four times bigger than Earth) it has very strong gravity and too much air. So size matters loo.

The cost of the mission is approximately six hundred million dollars. It is scheduled to observe until 2013 but this could be extended. Will we be sad if we discover we are alone in our galaxy or happy if we find that we share it with other life forms?

58 What does the passage mainly discuss?

- 1) Features of five new Earth- sized planets
- 2) An endeavor to find Earth- like planets
- 3) Our solar system and its planets
- 4) Making a space telescope

59 The passage suggests that the Kepler mission -----

- 1) was inspired by another space mission
- 2) was not finished immediately after it started
- 3) did not seem to be as successful as other space missions
- 4) found planet with the same temperature as that of the Earth

60 Which of the following best describes the function of the underlined sentence in paragraph 2?

- 1) It describes a situation where the condition mentioned in the previous sentence cannot be met.
- 2) It provides the definition of a word mentioned in the previous sentence.
- 3) It provides a solution to a problem described in the previous sentence.
- 4) It draws a conclusion from the previous sentence.

61 There is enough information in the passage to answer which of the following questions?

- 1) How many planets are there in our galaxy?
- 2) How can Nasa reduce the cost of the Kepler mission?
- 3) What characteristics does a planet need to have in order to be able to support life?
- 4) Will we be sad if we discover we are alone in our galaxy or happy if we find that we share it with other life forms?

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

People who speak Swahili who want to communicate using a "compyuta", which is the Swahili word for computer, are unable to do so in their own language. It makes no difference that computers have huge hard drives and sophisticated software. They cannot operate in Swahili or other African languages, of which there are hundreds.

Soon, however, they may be able to. Linguists in Africa are working with information technology specialists to make computers operable to Africans who do not know any of the languages currently used on the Internet. Economics is bringing about this change. Microsoft sees a market for its software among Swahili speakers in East Africa. Google now has a search engine for speakers of Swahili in Kenya. Other software companies will probably soon develop products for African consumers. In addition to economics, there is another reason for making the computer accessible to Africans. Hundreds of African languages are dying out, and linguists view the computer as a way to save them. According to UNESCO estimates, 90 percent of the world's 6,000 languages are not on the Internet, and one language becomes extinct every day somewhere in the world. The hope is that computers can help save them.

کنکور سراسری ریاضی و فیزیک خارج از کشور ۱۳۹۹

کنکور سراسری هنر خارج از کشور ۱۳۹۹

کنکور سراسری زبان خارج از کشور ۱۳۹۹

کنکور سراسری علوم تجربی خارج از کشور ۱۳۹۹

62 Which of the following is true about the Swahili people, according to the passage?

- 1) They lack computer skills to enable them to use computers.
- 2) They are not willing to make use of the computer in their life.
- 3) They speak a language they cannot communicate with through the computer.
- 4) They do not have the hard drive and the necessary software to make computer use a reality.

63 The passage suggests that the number of languages in which people cannot operate through the computer is -----.

- 1) increasing on a daily basis
- 2) more than one
- 3) limited to African countries only
- 4) yet to be determined

64 It can be concluded from the passage that there are some Africans who -----.

- 1) speak languages that have no written format
- 2) are inventing languages that are sure to die out
- 3) have little trust in foreign companies' real intentions
- 4) are not familiar with any language other than their mother tongue

65 The author has mentioned UNESCO mainly in order to -----.

- 1) support an earlier statement
- 2) show the number of languages on the Internet
- 3) prove that it is the African languages that are most ignored
- 4) emphasize that saving languages from extinction is a global duty

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

The country of Australia has a vast area of land called "the outback", where few people live. If you live in the outback, chances are you're far from any town. And that means you're a long way from a school. So what do you do if you can't go to school? Well, school comes to you. Over 100 kids in the outback attend ASSOA - Alice Springs School of the Air. ASSOA students are connected by the Internet.

Some lessons happen in real time. When students log in, their teacher appears on their computer screens. She can talk to students, show an art project, or explain a science experiment. She can't see the students, but she can hear them. Students communicate with their teacher and with each other over the Internet, using their computers. But because students are in a "virtual" classroom and not at a physical school, they must still have a home tutor. The tutor can be a parent or a hired teacher. All tutors are trained to help students understand and complete their work.

ASSOA tries to create a school community. Every two weeks, students attend a virtual school assembly. Three times a year, all students travel to the town of Alice Springs. For an entire week, they leave the virtual classroom and enter a real one.

66 What is the best title for the passage?

- 1) A Look at Future
- 2) The Model of Australia
- 3) School is a Click Away
- 4) An Outback is Really an Outback

67 Which of the following can be inferred about towns in Australia?

- 1) They are Internet providers for people in the outback.
- 2) They are closer to the outback than to major cities.
- 3) They present education through the Internet.
- 4) They actually have physical schools.

68 Which of the following is true about kids in the outback, according to the passage?

- 1) Most of their lessons happen in real time.
- 2) They have teachers who visit them at home.
- 3) They have access to low educational standards.
- 4) They attend a physical school for a short time once every year.

69 According to the passage, the real-time virtual classes that the students have are classes in which -----.

- 1) the teacher can see the students
- 2) the students can see their teacher
- 3) the teacher is also each student's tutor
- 4) the students can't talk with one another

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

We spend a third of our lives doing it. Napoleon and Florence Nightingale got by on four hours a night. Thomas Edison claimed it was waste of time.

So why do we sleep? This is a question that has baffled scientists for centuries and the answer is, no one is really sure. Some believe that sleep gives the body a chance to recover from the day's activities but in reality, the amount of energy saved by sleeping for even eight hours is miniscule about 50 kCal, the same amount of energy in a piece of toast.

With continued lack of enough sleep, the part of the brain that controls language, memory, planning and sense of time is badly affected, practically shutting down. In fact, 17 hours of continuous wakefulness leads to a significant decrease in performance.

Research also shows that sleep-deprived individuals often have difficulty in responding to rapidly changing situations and making rational judgements. In real life situations, the end results are serious and lack of sleep is said to have been a contributory factor to a number of international disasters such as Exxon Valdez, Chernobyl, Three Mile Island and the Challenger shuttle explosion.

Sleep deprivation not only has a major impact on cognitive functioning but also on emotional and physical health. Disorders such as sleep apnoea which result in excessive daytime sleepiness have been linked to stress and high blood pressure.

Research has also suggested that sleep loss may increase the risk of fatness because chemicals and hormones that play a key role in controlling appetite and weight gain are released during sleep.

کنکور سراسری علوم انسانی خارج از کشور ۱۳۹۹

70 What does "it" in paragraph 1 refer to?

- 1) Focusing on Napoleon and Florence Nightingale
- 2) Getting by on four hours a night
- 3) Two thirds of our lives
- 4) Sleeping in general

71 Which of the following best describes the organization of the information in the passage?

- 1) A general claim is made and then denied in the light of new information.
- 2) A recommendation is made and the reasons supporting it are listed.
- 3) A question is asked and attempts are made to work out a solution.
- 4) A problem is mentioned and its causes are discussed.

72 The word "miniscule" in paragraph 2 is closest in meaning to -----.

- | | |
|----------|----------------|
| 1) rare | 2) basic |
| 3) exact | 4) unimportant |

73 All of the following are mentioned as possible results of sleeplessness EXCEPT -----.

- | | |
|-------------------|-----------------------------|
| 1) fatness | 2) loss of appetite |
| 3) poor judgement | 4) decreased memory ability |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Most people can readily bring up images inside their head-known as their mind's eye. But this year scientists have described a condition, aphantasia, in which some people are unable to visualize mental images. Niel Kenmuir, from Lancaster, has always had a blind mind's eye. He knew he was different even in childhood. My stepfather, when I couldn't sleep, told me to count sheep, and he explained what he meant, I tried to do it and I couldn't," he says. "I couldn't see any sheep jumping over fences, there was nothing to count."

Our memories are often tied up in images, think back to a birthday party or first day at school. As a result, Niel admits, some aspects of his memory are "terrible", but he is very good at remembering facts. And, like others with aphantasia, he struggles to recognize faces. Yet he does not see aphantasia as a disability, but simply a different way of experiencing life.

74 We can correctly infer from the passage that Niel Kenmuir -----.

- 1) didn't see his father when he was a child
- 2) was born in a city other than Lancaster
- 3) has adapted himself to his condition
- 4) now works as a researcher

75 According to the passage, Niel didn't count sheep because he -----.

- 1) couldn't imagine any
- 2) hadn't seen any before
- 3) wasn't familiar with math
- 4) didn't want to go to sleep

76 What is true about Niel's mind's eye, according to the passage?

- 1) It has weakened his memory.
- 2) It has caused him lots of trouble in life.
- 3) It has given him a different picture of the world around us.
- 4) It has in a sense enabled him to easily recognize strangers.

77 The author mentions "a birthday party or first day at school" in paragraph 2 mainly in order to -----.

- 1) describe the severity of aphantasia
- 2) show the relationship between human memories and images
- 3) emphasize the problems people with aphantasia have in relation to their true self
- 4) explain that a disability, whatever it may be, cannot make the affected person not enjoy life

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Efforts to explain how the pterosaurs became able to fly have led to suggestions that they launched themselves by jumping from cliffs, by dropping from trees, or even by rising into light winds from the crests of waves. Each explanation has its difficulties.

The first wrongly assumes that the pterosaurs' hind feet were similar to those of a bat and could serve as hooks by which the animal could hang in preparation for flight.

The second explanation seems unlikely because large pterosaurs could not have landed in trees without damaging their wings. The third calls for high waves to make flying possible. The wind that made such waves, however, might have been too strong for the pterosaurs to control their flight once airborne.

کنکور سراسری ریاضی و فیزیک خارج از کشور ۱۳۹۹
کنکور سراسری هنر خارج از کشور ۱۳۹۹
کنکور سراسری زبان خارج از کشور ۱۳۹۹
کنکور سراسری علوم تجربی خارج از کشور ۱۳۹۹

78 What question is the passage mainly concerned with?

- 1) What was the first bird?
- 2) Did the pterosaurs ever exist?
- 3) What made the pterosaurs be able to fly?
- 4) Why is our knowledge of the past so unclear?

79 The word "those" in the passage refers to -----.

- | | |
|-----------------|-----------------|
| 1) feet | 2) difficulties |
| 3) explanations | 4) pterosaurs |

80 Which of the following best describes the author's attitude towards the three explanations offered in the passage?

- | | |
|-------------|--------------|
| 1) Excited | 2) Shocked |
| 3) Confused | 4) Uncertain |

81 Which of the following statements, if true, would decrease the force of the reason brought in against the second explanation?

- 1) The pterosaurs always landed on the ground.
- 2) The pterosaurs were too big to be able to land at all.
- 3) The pterosaurs laid eggs in remote areas far from dense forests.
- 4) The pterosaurs' anatomy is not as much investigated as it has to.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

When we take part in an online class, where are our bodies? Our physical bodies are positioned in front of our computers, but our virtual bodies can be anywhere imagined. We indeed use this separation between the physical and virtual body when we talk on the telephone. I would disagree with Dreyfus that this split makes us anonymous, because in the online class our responses are always posted with our names attached.

But the fact that we have no physical presence, Dreyfus argues, means that any learning that occurs can only be intellectual, not practical. In other words, it is more on a theoretical level than involving a grasping and mastery of particular skills. He thinks that true learning can only take place from physically being somewhere and doing a particular activity, and it is only under these conditions that information becomes relevant and people come to meaningfully understand reality. But if this is true, how can anyone learn anything from a book, newspaper, television, radio, a letter, or e-mail? Is not the expression of the content more important than the medium through which it is expressed?

کنکور سراسری علوم تجربی داخل ۱۳۹۹

82 Which of the following is implied in the passage about the author's opinion about online classes?

- 1) They will never ever be accepted in educational circles.
- 2) They are useful devices to employ for teaching and learning.
- 3) They are more helpful for teaching practical skills than theoretical ideas.
- 4) There would come a time when they will replace physical classes altogether.

83 The word it in the passage refers to -----.

- | | |
|--------------------------|----------------------|
| 1) intellectual learning | 2) physical presence |
| 3) online class | 4) learning |

84 Why has the author mentioned "a book, newspaper, television, radio, a letter, or e-mail" near the end of the passage?

- 1) To question a claim made by Dreyfus
- 2) To refer to different ways of learning
- 3) To argue that technological progress is unavoidable
- 4) To make the reader remember that people have different learning preferences

85 There is enough information in the passage to answer which of the following questions?

- 1) What are some of the practical skills that are learned best through the medium of physical classes?
- 2) Why do we use the separation between the physical and virtual body when we talk on the telephone?
- 3) Why does the author believe that the separation between the physical and virtual body does not make us anonymous?
- 4) How is it that the author believes that the expression of the content is more important than the medium through which it is expressed?

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Throughout history, the difference between the old and the young has been a defining feature of both reality and literature. Parents have power over their children ... but as those children get older, they begin to put pressure on their parents' power. They test the rules; they rebel; they create their own rules. The parents are puzzled, disappointed and angry about the shift in the balance of power. They fight back; try to control their young sons and daughters in an attempt to maintain their power. But as they grow towards old age, they are forced to relinquish it and hold their hand up, while the world changes into a place they can hardly recognize from their youth.

The fight between old and young has also become a feature of the twenty-first century, as we approach a period where the balance of power reaches a new territory, This is not to say that relationships between the generations are expected to worsen; rather that the new demographic changes to come will have knock-on effects that we cannot yet imagine.

کنکور سراسری علوم تجربی داخل ۱۳۹۹

- 86 According to the passage, the gap between the old and the young -----.
- 1) is not a new story in human life
 - 2) has changed in favor of the old
 - 3) has become less and less over the years
 - 4) has become wider in the twenty-first century
- 87 Parents' reaction towards the change of power balance, as described in paragraph 1, can be described as all of the following EXCEPT -----.
- | | |
|-----------------|--------------|
| 1) hopelessness | 2) confusion |
| 3) anxiety | 4) anger |
- 88 The word "relinquish" in paragraph 1 is closest in meaning to -----.
- | | |
|------------|-----------|
| 1) retake | 2) leave |
| 3) enhance | 4) follow |

89 Which of the following best describes the function of This is not to say in paragraph 2?

- 1) To make a logical conclusion
- 2) To repeat an earlier statement
- 3) To introduce a new topic for discussion
- 4) To prevent a probable misunderstanding

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

For most modern airports, the major design problem is scale-how to allow enough space on the ground for maneuvering wide-body jets while permitting convenient and rapid movement of passengers departing, arriving, or transferring from one flight to another. Most designs for airport terminals take one of four approaches.

In the linear plan, the building may be straight or curved. The passengers board aircraft parked next to the terminal. This plan works well for small airports that need to provide boarding areas for only a few aircraft at a time.

In the pier plan, narrow corridors or piers extend from a central building. This plan allows many aircraft to park next to the building. However, it creates long walking distances for passengers.

In the satellite plan, passengers board aircraft from small terminals that are separated from the main terminals. Passengers reach the satellites by way of shuttle trains or underground passageways that have moving sidewalks.

کنکور سراسری ریاضی و فیزیک داخل ۱۳۹۹

90 The passage would most probably continue with a discussion of -----.

- 1) the best airport design
- 2) another approach to airport design
- 3) the reasons why airport design is important
- 4) the advantages and disadvantages of each airport design

91 According to the passage, the linear plan is more appropriate for airports -----.

- 1) with small planes
- 2) that offer domestic flights
- 3) the passengers of which prefer to board planes as quickly as they can
- 4) that can provide service to a limited number of planes at the same time

92 Which of the following is defined in the passage?

- | | |
|------------------------|------------------------------|
| 1) scale (paragraph 1) | 2) terminals (paragraph 4) |
| 3) board (paragraph 2) | 4) passageways (paragraph 4) |

93 In which of the designs described in the passage are buses used and the passengers must climb a flight of stairs to board the aircraft?

- | | |
|--------------|---------|
| 1) Linear | 2) Pier |
| 3) Satellite | 4) None |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

A kind of bird known as pigeons have been taught to recognize human facial expressions, weakening long-held beliefs that only humans have the sophisticated nervous systems to perform such an act. In some recent experiments, eight trained pigeons were shown photographs of people displaying emotions of happiness, anger, surprise, and hatred. The birds learned to recognize the difference between these expressions. Not only that, but they were also able to correctly identify the same expressions on photographs of unfamiliar faces, their achievement does not suggest, of course, that the pigeons had any idea what the human expressions meant.

Some psychologists have theorized that because of the importance of facial expression to human communication, humans developed special nervous systems capable of recognizing subtle expressions. The pigeons cast doubt on that idea, however. In fact, the ability to recognize facial expressions of emotion is not necessarily inborn even in human babies, but may have to be learned in much the same way pigeons learn. In experiments conducted several years ago, it was found that pigeons organize images of things into the same logical categories that humans do.

کنکور سراسری ریاضی و فیزیک داخل ۱۳۹۹

94 What is the subject of the passage?

- 1) Differences in communication between humans and pigeons
- 2) Importance of body movement in human communication
- 3) Recognition of facial expressions
- 4) Emotions that our face can show

95 The passage suggests that the belief that animals may also be able to recognize facial expressions -----:

- 1) proves that they understand what each facial expression means
- 2) holds true in relation to trained, but not untrained, birds
- 3) was supposed to be wrong
- 4) is a long-held one

96 Which of the following describes the author's attitude towards the idea that the ability to recognize facial expressions of emotion is inborn (paragraph 2)?

- | | |
|--------------|---------------|
| 1) Uncertain | 2) Frightened |
| 3) Shocked. | 4) Amused |

97 The phrase that idea in paragraph 2 refers to the idea -----.

- 1) that pigeons can learn new things
- 2) expressed by the psychologists mentioned in paragraph 2
- 3) that recognizing facial expressions is important to human communication
- 4) according to which to recognize facial expressions of emotion is not necessarily inborn

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

It's not necessarily true that the longer you study, the greater your chances of getting a high score on a test. Time alone won't guarantee your success. You must study effectively, making the best use of your time. First, before an exam, talk to your teacher. Instead of asking, "What's on the test?" you can request guidelines about what topics will be covered and how you can best prepare. This information will provide a purpose for your study. Next, find a place to study where you will remain awake and undistracted: a desk in a library is better than a bed near a television. Then, with your purpose in mind, reread your class notes, textbook sections, and other materials. Underline key information and mark points that you do not understand. When you have finished this review, go back to these points and try to answer them. Use any chapter summaries or review materials that are available. Finally, if the teacher has provided sample test questions - or if review questions are available in the textbook-try to answer them. They will help you do a final check of your readiness for the exam.

کنکور سراسری هنر داخل ۱۳۹۹

- 98 What does the passage mainly discuss?
- 1) The importance of tests in students' educational success
 - 2) The negative effect of studying longer than normal
 - 3) The teacher's role in students' test performance
 - 4) The way to prepare the best for tests
- 99 Which of the following best describes the structure of the information in the passage?
- 1) A goal is set and its effects are described one after another.
 - 2) An approach is introduced and the steps involved in it are mentioned.
 - 3) A claim is made and evidence to show that the claim is wrong is offered.
 - 4) A problem is referred to and the possible solutions to get rid of it are listed.

100 The passage suggests that when exam time is close if a student asks his/her teacher, What's on the test? , that student -----.

- 1) is on the wrong path
- 2) shows he/she is anxious
- 3) will not receive a response
- 4) would make the teacher disappointed

101 The phrase "these points in the passage refers to the points -----.

- 1) included in key information
- 2) one has failed to take a look at
- 3) of material other than class materials
- 4) one has not been able to comprehend

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

To start with, we cannot go on using oil for ever. We can do so for a few more decades - perhaps until 2070, then it will run out. There will be none left or at least, there will be hardly any left.

At present, there is still plenty of oil under the ground. There is oil under the North Sea and under the Atlantic Ocean Engineers keep finding new sources of oil. But there are some realities which cannot be avoided. The quantity of oil under the ground and under the sea is not infinite. It will not last for ever. As oil becomes rarer, it will become harder to extract. It will also become more and more expensive. It will, therefore, become more expensive than other fuels. Oil will always cause pollution. Of course, there are also other truths: Scientists are making new forms of oil, using plants. Most of the oil that we eat comes from plants; and it is sometimes possible to make petrol from this oil, for instance, some types of diesel-fuel already contain sun-flower oil.

Sun-flower oil is cleaner than mineral oil, so it causes less pollution. But perhaps in the long term, vegetable oils are not a good solution for the future; in the future we may need all the land for producing food.

In reality, the future will have to be a future without oil or with very little oil. Scientists are already developing cars, houses and plastics that do not use oil, Electricity will be the energy of the future, but it will have to be clean electricity.

102 The phrase "run out" in paragraph 1 is closest in meaning to -----.

- 1) appear
- 2) lower
- 3) end
- 4) exist

103 The passage suggests that at present oil -----.

- 1) can meet human needs for energy
- 2) is too hard to get from under the ground
- 3) can be found under the seas and oceans more
- 4) is located more under the ground than under the oceans

104 Which of the following is true about sun-flower oil, according to the passage?

- 1) It can be used as fuel to drive cars.
- 2) It comes from sources other than plants.
- 3) It causes as much pollution as mineral oil.
- 4) It seems to be the final answer to our energy needs.

105 The passage would most probably continue with a discussion of -----.

- 1) the clean energy of the years ahead
- 2) other problems related to the use of oil
- 3) the role of energy in scientific developments
- 4) steps to take to solve oil-related technological problems

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

With age come changes in the structure and quality of our sleep. After about age 60, we have less deep (slow-wave) sleep and more rapid sleep cycles; we awaken more often, and we sleep an average of two hours less at night than we did as young adults. It was once thought that older people didn't need as much sleep as younger ones, but experts now agree that's not the case. Regardless of age, we typically need seven-and-a-half to eight hours of sleep to function at our best. So if you're not getting enough sleep at night, what about daytime naps? Or does napping disrupt the sleep cycle, ultimately yielding less sleep and more daytime drowsiness? These questions were addressed by researchers in a study conducted in 2011. The authors concluded that napping not only increases older individuals' total sleep time without producing daytime drowsiness but also provides measurable cognitive benefits. This small but well-designed study involved 22 healthy women and men ages 50 to 83 who agreed to be evaluated in a sleep laboratory. During a one- or two-week preliminary period, participants kept sleep logs at home and wore monitors to track their nighttime movements. They were then brought into the sleep laboratory for three nights and two days and given a thorough sleep evaluation (using polysomnography and other techniques) and a battery of cognitive tests. After this initial laboratory session, participants started a month-long daily napping routine at home: half took short (45 minute) naps, and half took longer (two-hour) naps. After the second and fourth weeks, all returned to the lab for repeat assessments.

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106 The study mentioned in paragraph 2 was primarily carried out to determine -----.

- 1) the effect of napping on people's overall sleep pattern
- 2) the difference in men's and women's need for daily naps
- 3) if age had any effect on people's need for afternoon naps
- 4) young and old people's general attitude towards daily naps

107 Which of the following statements about the time length people need to sleep every day is supported by the passage?

- 1) It is disturbed by the amount of time people nap during the day.
- 2) It varies from person to person, depending on their health.
- 3) It is longer in young people than in old ones.
- 4) It is independent of people's age.

108 The people who took part in the study reported -----.

- 1) included more men than women
- 2) knew that they were part of the study
- 3) were used to napping on a daily basis
- 4) had problems with thinking and concentration

109 There is enough information in the passage to answer which of the following questions?

- 1) What made the 22 participants decide to be part of the study?
- 2) Why do people experience changes in the structure and quality of their sleep as they age?
- 3) Why is it argued that people in general need seven-and-a-half to eight hours of sleep per day?
- 4) What are some of the cognitive benefits old people get if they manage to take naps during the day?

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

We hear about stress all the time. It's on the news, in the newspapers, people talk about it and often when we ask someone how they are, their answer is, 'Oh, I'm just so stressed!' We see it manifesting in people and ourselves in many different ways. Some people get nervous and lose their sense of humor, some withdraw or become irritable, others feel tired and helpless.

Stress is the body's response to what is happening in our lives and can take many forms. Some stressful situations in our lives are sudden and difficult, others life changing, but most are just part of our everyday life. With everyday stress, we deal with it along the way and it doesn't necessarily negatively affect our wellbeing. But it is when the demands or pressures of our days exceed our ability to cope that we find ourselves out of balance. That's why we need to take this seriously; if we realize that the pressures of our lives are greater than our capacity to cope, then we need to take responsibility to make the changes in our lives to protect our wellbeing.

کنکور سراسری زبان داخل ۱۳۹۹

110 What is the purpose of the last sentence in paragraph 1?

- 1) To correct a wrong belief
- 2) To support an earlier statement
- 3) To show what causes people to get stressed out
- 4) To emphasize that stress does not have one definition only

111 The word "others" in paragraph 2 refers to -----.

- | | |
|-----------|---------------|
| 1) lives | 2) forms |
| 3) people | 4) situations |

112 The word "exceed" in paragraph 2 is closest in meaning to -----.

- | | |
|--------------|------------|
| 1) go beyond | 2) develop |
| 3) fill in | 4) force |

113 The passage implies that people who suffer from stress -----.

- 1) are to be avoided
- 2) should see a doctor
- 3) can take positive steps to control it
- 4) are socially irresponsible people

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

When an earthquake hit the ancient Greek cities of Helike and Boura in 373 BC, reports claimed they were empty of animals: in the days before the quake, rats, weasels, snakes, and insects were recorded fleeing the area. There are many such stories of apparently clairvoyant creatures, but scientists have had trouble pinning down how animals might be able to sense future quakes. Research on the topic is fraught, since studies usually come after the fact and risk applying retroactive significance. In a 1981 study that controlled for this, researchers found that unusual animal behavior significantly related to one of the four earthquakes investigated. As the paper puls forward, not all earthquakes arc similar; each earthquake may have its own unique early signals, only some of which may be apparent to animals.

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114 What does the passage mainly discuss?

- 1) How destructive earthquakes in the past were
- 2) Why our knowledge of earthquakes is incomplete
- 3) One way that can be used to predict some earthquakes
- 4) History of the scientific study of when earthquakes happen

115 The word "fleeing" in the passage is closest in meaning to -----.

- 1) attacking
- 2) informing
- 3) relying on
- 4) escaping from

116 According to the passage, it is true that animals -----.

- 1) have always helped mankind to prevent earthquakes
- 2) may be able to predict only certain earthquakes
- 3) are almost never killed during earthquakes
- 4) are the best means to predict earthquakes

117 The word "which" in the passage refers to -----.

- | | |
|------------|---------------|
| 1) signals | 2) study |
| 3) animals | 4) earthquake |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

You may think that people are capable of living in a wide range of environments, from the hot deserts of Africa and the Middle East to the freezing cold of Siberia or Northern Canada. Being an intelligent species, we worked out how to use fire to keep us warm in cold conditions and, considerably later, air conditioning to keep us cool in hot climates. But there is a wide variety of organisms capable of living in environments in which no human could survive – the extremophiles.

Take, for example, *Spinoloricus cinzia*, a tiny creature, about a millimeter long and looking a little like a jellyfish. This recently discovered animal is particularly interesting, as it appears to be capable of living without oxygen and is thus a multi-cellular anaerobe. The cells of most organisms contain mitochondria, which use oxygen to generate energy, whereas the cells of *Spinoloricus cinzia* do not contain mitochondria. Most anaerobes so far discovered are microbes and use a form of fermentation to gain energy. Some anaerobes will actually die in the presence of oxygen.

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118 What is the main purpose of the passage?

- 1) To introduce a special type of creature
- 2) To show the role of fire in human survival
- 3) To prove the unimportance of oxygen for life
- 4) To describe newly discovered unfriendly environments

119 Which of the following statements about anaerobic organisms is supported by the passage?

- 1) They are all discovered and known to us.
- 2) They can live in a wide range of environments.
- 3) They have cells all of which have no mitochondria.
- 4) They are capable of surviving in environments empty of oxygen.

120 What does the word "which" in the passage refer to?

- | | |
|-----------------|----------------------------|
| 1) organisms | 2) cells of most organisms |
| 3) mitochondria | 4) multi-cellular anaerobe |

121 Which of the following reasoning techniques is NOT used in the passage?

- 1) Describing cause-and-effect relationships
- 2) Describing the steps in a process
- 3) Referring to differences
- 4) Use of examples

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

It is said that most people have no more than 30 friends at any given time, and 400 over the whole of their lives. However, on social networking sites, most users have about 150 friends. If these numbers are correct, then friendship means different things in different situations.

One of the reasons people have more online friends than real friends at any particular point in time is that online friendships do not require much time and energy: it is easy to make Internet friends and keep them forever. Another possibility is that it is difficult to say "no" when somebody asks us to be their friend online, even if we feel we don't really know them. The fact that they ask us suggests that they do consider us a friend, which is a nice feeling. Alternatively, they may be "collectors" of online friends and simply want to use us to get a higher number of friends and appear to be popular.

Online friendships are quite easy, but in the real world things are much more difficult. There are no rules about friendship. There are no guidelines about how to make friends, how to keep friendships going, and how to finish friendships if we want to move on. People also have very different opinions about friendship: some people would die for their friends and value them more than family. Others feel that friends are temporary, only there to help each other until they are no longer needed. If people with such different views become friends, this can lead to problems.

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122 It can be understood from the passage that -----

- 1) people turn to the Internet to make friends because they no longer value friendships
- 2) the situation in which people make friends influences the actual nature of their friendship
- 3) online friendships last longer than real friendships that were a mark of past relationships
- 4) the Internet has made people so close that people pay more attention to their friends than to their family members

123 Which of the following best describes the function of paragraph 2 in relation to paragraph 1?

- 1) Paragraph 2 explains why the claim made in paragraph 1 is true.
- 2) Paragraph 2 brings in some reasons to question the position taken in paragraph 1.
- 3) Paragraph 2 discusses the effect of the change in friendship explained in paragraph 1.
- 4) Paragraph 2 expands one of the reasons mentioned in paragraph 1 about why people nowadays have more friends.

124 What does paragraph 3 mainly discuss?

- 1) Why making friends online is not difficult
- 2) People's opinions about the role of friends in their lives
- 3) What makes making friendships offline in the real world harder
- 4) The reasons why it is necessary to change the way people make friends online

125 The word "this" in paragraph 3 refers to -----

- 1) the link between people becoming weak
- 2) trying to find as many friends as possible
- 3) having different views towards friendship
- 4) people with different views becoming friends

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Both men and women are living longer these days in the industrialized countries. However, women, on the average, live longer. In general, they can expect to live six or seven years more than men. The reasons for this are both biological and cultural.

One important biological factor that helps women live longer is the difference in hormones between men and women. Hormones are chemicals which are produced by the body to control various body functions. Between the ages of about 12 and 50, women produce hormones that are involved in fertility. These hormones also have a positive effect on the heart and the blood flow. In fact, women are less likely to have high blood pressure or to die from heart attacks.

The female hormones also protect the body in another way. They help the body to defend itself against some kinds of illnesses. This means that women generally get sick less often and less seriously than men. The common cold is a good example: women, on average, get fewer colds than men.

Women are also helped by their female genes. Scientists are still not exactly sure how genes influence aging, but they believe that they do. Some think that a woman's body cells age more slowly than a man's. Others think that a man's body cells age more quickly. Recent research seems to support both of these possibilities.

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126 What is the main purpose of the passage?

- 1) To explore reasons for a fact
- 2) To compare and contrast two different findings
- 3) To follow the historical line of a new development
- 4) To show the role of medical advancement in people's life expectancy

127 How many biological factors does the passage mention as having an effect on women's living longer than men?

- 1) One
- 2) Two
- 3) Three
- 4) Four

128 What is the purpose of the example mentioned in paragraph 3?

- 1) To emphasize the role of illnesses in reducing people's hope of living long
- 2) To prove that hormones can in fact help women in more than two ways
- 3) To support the claim made for the role of the female hormones
- 4) To refer to the most important illness influencing women

129 Which of the following statements is supported by the passage?

- 1) Not all men live shorter lives than women do.
- 2) Men used to live longer than women before the world became industrialized.
- 3) Scientists believe that genes are more effective than hormones to help women live long.
- 4) Scientists agree with one another about how genes make women age more slowly than men.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

The cultural context can also influence life expectancy for men and women. (Life expectancy is the expected length of a person's life.) For example, women generally smoke cigarettes less than men, which has been proven to cause many health problems and to shorten lives.

Another factor that has influenced the lives of women is the lack of stress. Stress is well known to shorten lives. Until recently, women who worked were usually in less responsible, less stressful positions. At home, housework tends to keep women in better physical condition than men. This generally better physical condition is yet another factor in women's longer lives.

These cultural factors have played an important part for the women who are now getting old. But the social habits of women are changing. Young women are smoking more than women used to. More women are working now and holding more responsible positions. These changes may mean that the cultural context will no longer help women live healthier lives. However, women will continue to live longer than men because of certain other factors.

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130 The passage would most probably continue with a discussion of -----.

- 1) why women are no longer willing to stay home and do housework
- 2) the reasons behind the change in different countries' culture around the world
- 3) factors other than cultural factors in relation to women's living longer than men
- 4) how a healthy lifestyle is important for both men and women in today's ever - changing world

131 It can be understood from the passage that the author considers cigarette smoking to -----.

- 1) become more common among women than it is now among men
- 2) have a relationship with the amount of stress in people's lives
- 3) be more harmful to women than to men
- 4) be a culture-related habit

132 It can be understood from the passage that men can improve their physical condition by ----
-----.

- 1) doing housework
- 2) giving their jobs to women
- 3) working jobs with more responsibility
- 4) taking better care of their health problems

133 Which of the following statements is TRUE, according to the passage?

- 1) Women in the past did not smoke because it was considered a socially negative habit.
- 2) The difference in life expectancy between men and women is very likely to become smaller.
- 3) Women's health problems and those of men are similar in terms of both their causes and effects.
- 4) If women realize their health problems are because of their new social roles, they would renew their past habits.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

It is said that about 40 per cent of the world's population use social media, and many of these billions of social media users look up to influencers to help them decide what to buy and what trends to follow. So what is an influencer and how do we become one?

An influencer is a person who can influence the decisions of their followers because of their relationship with their audience and their knowledge in a particular area, e.g. fashion, travel or technology. Influencers often have a large following of people who pay close attention to their views. They have the power to make people buy things, and influencers are now seen by many companies as a direct way to customers' hearts. Brands are now asking powerful influencers to market their products. With some influencers asking for \$25,000 for one social media post, it is no surprise that more and more people are interested in becoming influencers too. If you are one of them, then here are five tips on how to do it.

First, choose your niche. What is the area that you know most about? What do you feel most excited talking about? Find the specific area that you're most interested in and develop it. Next, choose your medium and write an interesting bio. Most influencers these days are bloggers and micro-bloggers. Decide which medium-such as your own online blog, Instagram or Snapchat-is the best way to connect with your followers and chat about your niche area. When you have done that, write an attention-grabbing bio that describes you and your specialty area in an interesting and unique way. Make sure that people who read your bio will want to follow you.

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134 What is the main purpose of paragraph 2?

- 1) To describe who an influencer is
- 2) To identify new ways of social media
- 3) To help influencers do their job better
- 4) To explain why people follow social media posts

135 It can be understood from the passage that more and more people would like to be influencers because this way they could -----.

- 1) have a large number of followers
- 2) make a considerable amount of money
- 3) increase their knowledge in different fields
- 4) help people make the right decisions in their lives

136 According to the passage, what is an influencer's niche?

- 1) His / Her followers
- 2) The companies he / she works for
- 3) The area in which he/she is knowledgeable
- 4) His / Her social media posts as an influencer

137 Which of the following is NOT named as a medium in paragraph 3?

- | | |
|----------------|--------------|
| 1) online blog | 2) Instagram |
| 3) Snapchat | 4) bio |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

All countries that send objects into space find themselves face to face with a serious problem: space junk. The "junk" includes parts of rockets, unwanted remaining parts from launches, dead satellites, and other manufactured items that simply stay there in space with no use at all. There may well be half a million pieces of dangerous waste in orbit. As you might expect, countries around the world are worried. Many are working on solutions to destroy the detritus.

Japan's space agency has built an electromagnetic tether. This giant steel and aluminum net, nearly half a mile wide, would orbit in space and attract metallic pieces as it travels. Once full of waste, the net would fall back into the Earth's atmosphere. The gathered pieces would burn upon re-entry. If this net idea works, Japan plans to build a much larger one.

A Swiss company proposes a different answer. It is developing a spacecraft that would act as a huge device to collect harmful debris. Like the Japanese net, the Swiss device would fall back into Earth's atmosphere, destroying its contents in the process.

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138 What is the subject of the passage?

- | | |
|---|--------------------------------------|
| 1) A new type of waste | 2) Useless solutions to a difficulty |
| 3) Difficulty for future space missions | 4) Ways to send objects into space |

139 Which of the following has been described in the passage?

- | | |
|---|---------------------------|
| 1) launches (paragraph 1) | 2) orbit (paragraph 1) |
| 3) electromagnetic tether (paragraph 2) | 4) re-entry (paragraph 2) |

140 The device made by Japan's space agency and that made by a Swiss company are similar in all of the following features EXCEPT that they -----.

- 1) collect waste in space
- 2) look very much alike
- 3) serve the same purpose
- 4) are designed to make waste burn on their return to Earth

141 What does the word "one" in the passage refer to?

- 1) net
- 2) idea
- 3) piece
- 4) re-entry

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Some people are shy, which means they feel uncomfortable in the presence of others. If you suffer from shyness, you are not alone, for there are many people having the same problem. According to recent research, close to 50 percent of the general population report that they currently experience some degree of shyness in their lives. In addition, close to 80 percent of people report having felt shy at some point of their lives. As shyness is so widespread in the world, it is not surprising that social scientists are learning more about its causes. They have found that shyness in an individual can result from both biological and environmental factors. Recent research shows that some people are genetically predisposed to shyness. In other words, some people say that some people are born shy. Researchers say that between 5 and 20 percent of newborn babies show signs of shyness: they are quieter and more watchful. Researchers have identified physiological differences between sociable and shy babies that show up as early as two months. In one study, two-month-olds who were later identified as shy children reacted with signs of stress when they were shown moving mobiles and tape recordings of human voices: increased heart rates, jerky movements of arms and legs, and excessive crying. Further evidence of the genetic basis of shyness is the fact that parents and grandparents of shy children more often say that they were shy as children than parents and grandparents of non-shy children.

142 Social scientists have tried to find out about the causes of shyness because -----

- 1) it is a problem many people suffer from
- 2) it surely has a mental but not a physical origin
- 3) previously suggested ways to control it did not work
- 4) some people who report that they are shy may not really be shy

143 It can be concluded from paragraph 2 that if a person's parents and grandparents are shy, He -----

- 1) would turn out to be less sociable than they were
- 2) needs to see a medical doctor immediately
- 3) has had a difficult childhood
- 4) is likely to be shy too

144 The word "they" in paragraph 2 refers to -----

- 1) signs of stress
- 2) two-month-olds
- 3) shy children in general
- 4) mobiles and tape recordings of human voices

145 Which of the following statements is TRUE, according to paragraph 2?

- 1) No one is born shy.
- 2) There are physiological differences between shy and sociable babies.
- 3) Shy people are typically quieter but less careful than those who are not shy.
- 4) Heart rates, jerky movements of arms and legs, and excessive crying are some physiological causes of shyness.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

At the start of every new year, many of us promise ourselves that a certain number of times a week we will go to the gym, go jogging, attend an exercise class, etc. But many of us have a hard time including exercise in our lives, or we start off well and then stop.

The key could be to find the right type of exercise for you. After all, if we end up doing something we enjoy and can see the positive effects of, we are more likely to do it for longer than a few weeks. Studies suggest that six weeks are all it takes to form a habit, so once we have managed to continue for that length of time, chances are that exercise has become a routine part of our lives that we do not question. So what exercise is right for you?

First of all, you need to find out what your goal is. Are you mainly interested in destressing or in getting healthier? If your important goal is relaxation, then ask yourself if you want to do this energetically, in which case a type of exercise based on boxing may, for example, be right for you. If you have a calmer style, then you could choose some exercise you can do alone, such as walking, doing some gardening, or selecting a brisk daily walk around the block. If you get more interested in working with others, then you could join a tennis, fitness or t'ai chi class, all designed to stretch and strengthen your muscles and with the added benefit of calming the mind.

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146 The passage claims that many of those who promise themselves at the beginning of each new year that they would start doing some type of exercise -----.

- | | |
|---------------------------------------|---|
| 1) never join a sports club | 2) fail to keep their promise |
| 3) have not already done any exercise | 4) can only exercise several times a week |

147 On the whole, the passage is intended to -----.

- 1) help people choose the right exercise for themselves
- 2) introduce the positive effects of exercise on people's health
- 3) explain the reasons why people stop exercising after some time
- 4) compare and contrast different types of exercise plans with one another

148 The passage mentions all of the following about the effects of joining a t'ai chi class EXCEPT -----.

1) working with others

2) getting relaxation

3) strengthening your muscles

4) calming the mind

149 According to the passage, doing exercise can become a habit if the person doing it -----.

1) has made himself / herself a promise to do so

2) knows about his goal of exercising

3) selects an easy type of exercise

4) goes on doing it for six weeks

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

One single person cannot be named as the one responsible for the invention of the cinema. In fact, Lots of people played a part in the development of the cinema. A man called Muybridge made the first moving picture in 1878. It was a film of a horse running and it was only a few seconds long. By 1895, other people had invented various machines for showing moving pictures, but many of these could only be watched by one person at a time. The development of machines that could project films onto a screen was important. Thomas Edison was one of the first to show very short films to audiences of 20 or more people. His films showed acrobats performing, or everyday events like a man eating!

At first, films were only a few minutes long. They were black and white and silent. They were usually documentaries about different places or news events, or comedies showing people falling over and making funny faces. Later they became longer stories, but there was still no sound. Instead, there might be a musician playing a piano in the hall while the film was shown.

Musicals were probably the most popular kind of film throughout the 1930s and 1940s. A very famous actress and singer at that time was Shirley Temple—she was a five-year-old girl everyone loved watching perform on stage.

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150 What question is paragraph 1 mainly intended to answer?

- 1) Who invented films?
- 2) What did early films look like?
- 3) Why were early films short and simple?
- 4) How long did the cinema take to become popular?

151 The word "they" in paragraph 2 refers to -----.

- | | |
|----------------|---------------------------------------|
| 1) films | 2) documentaries |
| 3) funny faces | 4) places or news events, or comedies |

152 The passage refers to all of the following as scenes shown in films EXCEPT -----.

- 1) someone singing on stage
- 2) a man eating some sort of food
- 3) someone doing acrobatic movements
- 4) a musician playing a musical instrument

153 Which of the following can be concluded about films in the 1930s and 1940s?

- 1) They were still watched by a few people at a time.
- 2) They were not only visual but also audio.
- 3) They still did not have any storyline.
- 4) They were musicals only.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

For thousands of years, people have tried to find ways to keep food for longer. In the past, this was important as people needed to save fresh food for times when it was hard to find, such as the winter. Today there are still many places without electricity and people living in these places need to preserve food in ways that don't use refrigerators. They need to make food last as long as possible.

Drying is the oldest type of food preservation. If water is removed from food, the bacteria can't grow. In ancient times in hot countries, people simply left fruit and meat outside to dry in the sun and the wind until all its natural water was gone. This made the fruit last a very long time. Drying fruit sometimes results in a completely new product. For example, grapes turn into raisins and plums turn into prunes. Drying food in the sun does not work in cooler or wetter climates, but people have other methods to preserve food in cold places.

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154 The word "preserve" in paragraph 1 is closest in meaning to -----.

- 1) need
- 2) find
- 3) last
- 4) save

155 What is the subject of paragraph 2?

- 1) How food preservation prevents the growth of bacteria
- 2) Types of food that can be preserved
- 3) Importance of food preservation
- 4) A food preservation technique

156 In paragraph 2, what is the role of the example of "grapes turn into raisins and plums turn into prunes"?

- 1) To describe an unusual event
- 2) To support an earlier statement
- 3) To describe a food preservation mechanism
- 4) To emphasize the function of fruit as a food source in the past

157 The passage is most likely to continue with a discussion of -----.

- 1) different ways used by people in cold regions to prepare food stuff
- 2) why drying was first used in hot countries
- 3) some other food preservation methods
- 4) how people in cold places found food

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Language is one of the important abilities of humans which makes humans stand out from animals, so language loss raises serious questions about our history, our humanity and perhaps about our future, too. Any study of the history of language shows that languages, like humans, develop over time. According to some estimates, around 7,000 languages are still spoken in the world. This number is a sign of the diversity and range of human experience in all around the world. But not all those languages are equally healthy. In fact, while some languages are healthy and powerful, other are in the process of dying and disappearing. In fact, research shows that languages are dying out very fast. Some believe that by 2100, most of these languages, perhaps as many as 90% of them, will no longer exist in the spoken medium. If this were plant life, or whales and dolphins, many people would be worried and ask something to be done to stop this unlucky process. Yet, surprisingly, there seems to be little interest in this terrible event. What is lost when a language ceases to exist?

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158 What is the subject of the passage?

- 1) Language loss
- 2) How languages die out
- 3) Comparison of modern and old languages
- 4) The main difference between humans and animals

159 Why does the author make a comparison between languages and humans in the second sentence, "Any study of the history of language -----"?

- 1) Because languages are spoken by humans
- 2) Because both languages and humans have histories
- 3) Because both languages and humans do not stay the same in the course of time
- 4) Because when languages are lost, humans lose whatever knowledge and experience they have collected through them

160 What does the phrase "these languages" refer to?

- 1) Healthy and powerful languages
- 2) The languages that are dying out very fast
- 3) Those languages that manage to survive by 2100
- 4) The 7,000 languages that are still spoken in the world

161 The passage most probably continues with a discussion of -----

- 1) the reasons why languages die
- 2) what to do to prevent languages from going out of existence
- 3) why people are worried about the gradual death of languages
- 4) what language loss makes us lose in addition to the language itself

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

In the early 1990s, many villages turned to solar power in parts of Africa where life was hard because of the absence of electricity. Perhaps the greatest project of this nature, and one that is often mentioned, is a Zimbabwean project supported by UNDP through the Global Environment Facility (GEF). The plan, jointly funded by GEF (\$7m) and Zimbabwe (\$400,000), made use of some 9,000 solar power systems throughout the country to improve living standards, but also to decrease land degradation and pollution.

Shamva, 70 kilometers from Zimbabwe's capital, Harare, is now one of the best solar-village models in the country. Fifty-two commercial farming families share systems; there is one system for every two houses. Each family has two lamps and a connection for a radio or small television set. The new lighting systems have improved the quality of life for the community. They have increased study hours for schoolchildren, reduced rural-to-urban migration in the area, and upgraded health standards by electrifying a local health center.

162 What is the best title for the passage?

- 1) Shamva's Farmers Share Solar Power Systems
- 2) Zimbabwean Development Program
- 3) Future of Solar Power in Africa
- 4) New Ways to Produce Energy

163 According to the passage, the Zimbabwean project -----.

- 1) has been successful in one particular village
- 2) has been financially supported by the Zimbabwean government only
- 3) has influenced the living standards of some rural people in Zimbabwe
- 4) has a long way to go before its effects can be actually observed in people's life

164 Which of the following is TRUE about Shamva?

- 1) It did not use to have a local health center.
- 2) It is the closest village to Zimbabwe's capital.
- 3) It is located in an area where access to electricity is very difficult.
- 4) It is equipped with some solar systems shared by the families living there.

165 What does the word "They" in paragraph 2 refer to?

- | | |
|---------------------|------------------------------|
| 1) lamps | 2) lighting systems |
| 3) people in Shamva | 4) radio and television sets |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Culture shock is a term used to describe the process a person experiences when living outside his or her culture for a long period of time. Culture shock is a reality to many international students. When moving to a new culture, international students must deal with a language that may be unfamiliar, incomprehensible customs and values, and cultural expectations the students may not be fully aware of. As a result, the students may go through emotional extremes ranging from excitement with the new culture to depression. I, like most foreign students, had to face the harsh reality of culture shock as I pursued my college career. But it wasn't an easy process. There's no magic pill or vaccine. To be successful, international students should become familiar with the process of culture shock, a process that became my way of feeling at ease with French culture.

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166 According to the passage, culture shock is experienced -----.

- 1) by almost all international students
- 2) by students not familiar with their own culture
- 3) specially when foreign students do not know the language of the foreign country
- 4) because students who start college are not old enough to take care of themselves alone

167 Which of the following statements is TRUE about the author of this passage?

- 1) He did not have the problem of culture shock.
- 2) It took him a long time to adapt himself to his native culture.
- 3) He spent at least part of his education far from his homeland.
- 4) He went to France in order to find a job to pay his education fees.

168 According to the passage, an effect of culture shock is -----.

- | | |
|-------------------------------------|--|
| 1) poor language ability | 2) excitement with the new culture |
| 3) unfamiliar cultural expectations | 4) incomprehensible customs and values |

169 The author's purpose of saying, "There's no magic pill or vaccine", is to emphasize the fact that -----.

- 1) getting over culture shock is not easy and takes time and effort
- 2) even doctors cannot help the students who suffer from culture shock
- 3) medical doctors have not yet found a way to help those who are culturally shocked
- 4) becoming successful in a foreign country becomes a reality only if foreigners work hard

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

The advantages or positive points of e-readers certainly seem to be more than the disadvantages. They are light and mobile devices that can be taken anywhere. Taking one gadget on holiday allows us to take hundreds of novels with us without having to pay for extra luggage on the plane.

The electronic nature of e-readers gives us so much more than a print copy of a book can do. It lets us read in the dark (handy in case of a power cut). We can look up unfamiliar words in the in-built dictionary with just one click, we can make notes, and we never forget what page we were on: the e-reader remembers that for us. If our eyesight declines, we can make the letters bigger. We can re-read Jane Eyre as often as we like and the book will never look any worse for it. And even if our taste in books is unusual, nobody need know: others can't see what we are reading. Not only that, most e-books are cheaper than their print versions, and many older books can be downloaded for free.

So why have only one in three of us read an e-book? The answer must be that there is something special about the look, the feel, and maybe even the smell of printed books. 'Real' books are objects that have a past and their physical presence surrounds us with happy memories.

170 The author seems to believe that -----.

- 1) printed books are here to stay
- 2) everyone will soon be using e-books only
- 3) the digital world has totally changed the publishing industry
- 4) e-books are difficult to use because they require the use of some extra digital devices

171 What does paragraph 2 mainly discuss?

- 1) The way e-books have changed people's reading habits
- 2) The reason why e-books are more fun to read
- 3) The effects of e-books on human health
- 4) The advantages of e-books

172 The name "Jane Eyre" in paragraph 2 is most probably -----.

- | | |
|----------------------|---|
| 1) an author's name | 2) a book title |
| 3) an e-reader brand | 4) a text that is difficult to understand |

173 What does the word "that" in paragraph 2 refer to?

- | | |
|--------------------|---------------------------------|
| 1) making notes | 2) the page we were reading |
| 3) the reading act | 4) the meaning of unknown words |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

She remembers the moment the photographer took her picture. The man was a stranger, but he asked if he could and she agreed to let him take it. She had never been photographed before and until they met a second time seventeen years later, she was not photographed again.

The photographer, Steve McCurry, remembers the moment too. It was 1984 and he was recording the lives of Afghan refugees in a camp in Pakistan. She was looking out of the school tent and he admits thinking at the time that the picture would be nothing special. Yet the 'Afghan girl', as the picture is now known, became, after a few years, one of the most iconic images. McCurry used her intense expression, so untypical of an average, carefree girl, to warn us not to ignore the victims of war, especially its young victims.

In 2002 National Geographic encouraged McCurry to return to Pakistan to look for the girl. After showing her photo around the refugee camp, he found a man who had known her as a child and knew where to find her. He offered to bring her from her home in the Tora Bora mountains in Afghanistan and after three days returned with Sharbat Gula, a woman perhaps 29 years old. McCurry knew at once that this was her.

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174 It can be understood from the passage that the first time Sharbat Gula was photographed she was about -----.

- | | |
|-------|--------------------|
| 1) 11 | 2) 17 |
| 3) 29 | 4) in her twenties |

175 According to the passage, the pictures Steve McCurry took from the Afghan girl -----.

- 1) was one he himself knew would become famous
- 2) was made popular by National Geographic
- 3) gained people's attention later on
- 4) was an immediate success

176 According to the passage, when Steve McCurry came back in 2002 to take another picture -----.

- 1) Sharbat Gula had changed so much that he was greatly surprised
- 2) he had to wait for three days before he could see Sharbat Gula
- 3) he managed to find Sharbat Gula himself and very quickly
- 4) Sharbat Gula was living in another camp in Pakistan

177 The passage is most likely to continue with -----.

- 1) an explanation of why Steve McCurry agreed to go to Pakistan a second time
- 2) reasons why Sharbat Gula and other Afghan women look attractive in pictures
- 3) what the focus of National Geographic in news reporting is
- 4) a description of what Sharbat Gula looked like then

Cloze

Directions: Read the following passage and decide which choice (1), (2), (3), or (4) best fits each space.

James Anderson writes about the waste of energy in hotels: overheated rooms, lights (178) ----- on all night, towels that are used once and then sent to be washed. He is right, but why stop with hotels? Would it not be better (179) ----- all the other mindless waste that characterizes modern life?

In the morning I walk down the high street past shops whose doors are wide open, (180) ----- hot air into the street. At the supermarket I take my frozen vegetables from a (181) ----- that is completely open. My children leave their computers (182) ----- when they go out and their phone chargers plugged in with no phone on the other end. What does all this waste show?

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178

- | | |
|----------------|------------------|
| 1) are left | 2) leaving |
| 3) which leave | 4) that are left |

179

- | | |
|-------------------|-------------------|
| 1) to mention | 2) was mentioned |
| 3) that mentioned | 4) for mentioning |

180

- | | |
|-------------|--------------|
| 1) blowing | 2) producing |
| 3) crossing | 4) lifting |

181

- | | |
|-----------------------|--------------------|
| 1) cabinet cooling | 2) cabinet cooled |
| 3) cooling of cabinet | 4) cooling cabinet |

182

- | | |
|-----------|-------|
| 1) off | 2) on |
| 3) around | 4) up |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Beyond living longer and healthier lives, we may want happiness for other reasons. Many people believe that each of us exists for a specific purpose. Although there are many beliefs about that purpose, almost all people agree that that life is purposeful. However, perhaps as we put our lives in line with our purpose, we become happier. Said another way, perhaps the closer we get to true happiness, the closer we are to realizing the purpose for our time on Earth. I do not know the nature of that purpose, but I believe that happiness is vital to it. If happiness underlies and animates our purpose, then aiming for it seems a reliable way of moving toward that purpose. In other words, if you let what makes you happy be your guide, there is a good chance that you are on your path to fulfilling your purpose.

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183 What does the paragraph before this passage most probably discuss?

- 1) Some reasons why people look for happiness
- 2) Reasons why people are living longer
- 3) What the purpose of life is
- 4) Examples of happy people

184 Which of the following statements about the purpose of life is supported by the passage?

- 1) The purpose of life does not mean the same to different people.
- 2) There is no one arguing against the belief that life is without a purpose.
- 3) The more meaningful your purpose of life is, the greater your happiness is.
- 4) When we have no purpose in life, we are not likely to stay healthy and live long.

185 The word "it" at the end of paragraph 1 refers to -----.

- | | |
|--------------|---------------|
| 1) Earth | 2) purpose |
| 3) happiness | 4) our nature |

186 Which of the following best describes the function of the sentence below, which is the last sentence of the passage?

In other words, if you let what makes you happy be your guide, there is a good chance that you are on your path to fulfilling your purpose.

- 1) It introduces a new topic.
- 2) It restates an earlier statement.
- 3) It provides a specific example.
- 4) It provides a summary of the whole passage.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Intentional weight loss is the loss of total body mass as a result of efforts to improve fitness and health, or to change appearance through getting thin. Weight loss in individuals who are overweight or very fat can reduce health risks, increase fitness, and may delay the start of diabetes. It could reduce pain and increase movement in people with osteoarthritis of the knee. Weight loss can lead to a reduction in hypertension (high blood pressure), however whether this reduces hypertension-related harm is unclear.

Weight loss occurs when the body is spending more energy in work and metabolism than it is absorbing from food or other nutrients. It will then use stored reserves from fat or muscle, gradually leading to weight loss. For athletes seeking to improve performance or to meet required weight classification for participation in a sport, it is not uncommon to seek additional weight loss even if they are already at their ideal body weight. Others may be driven to lose weight to achieve an appearance they consider more attractive. However, being underweight is associated with health risks such as difficulty fighting off infection, osteoporosis, decreased muscle strength, trouble regulating body temperature and even increased risk of death.

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187 What is paragraph 1 mainly about?

- 1) Ways to lose weight
- 2) Health risks of fatness
- 3) Some advantages of weight loss
- 4) How to have a better appearance through weight loss

188 The word "It" in paragraph 2 refers to -----

- 1) body
- 2) food
- 3) energy
- 4) weight loss

189 Which of the following is mentioned as a problem that may result from being under the ideal body weight?

- 1) Diabetes
- 2) Osteoarthritis of the knee
- 3) Hypertension
- 4) Trouble regulating body temperature

190 The passage provides enough information to answer which of the following questions?

- 1) Why do people with osteoarthritis of the knee have trouble with movement?
- 2) What efforts better than others help people lose weight more easily and quickly?
- 3) What is one effective activity one can engage in to help reduce the rate of one's internal metabolism?
- 4) Why is it that some athletes seek additional weight loss even if they are already at their ideal body weight?

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Why is music important? Music participation provides a unique opportunity for literacy preparation - to prepare children to learn how to read and write at school. Whether the children are singing, playing, or listening, teachers direct them to listen and hear in new ways which exercises their aural discrimination. Playing instruments and adding movement to the lessons teaches children about sequential learning which is essential in reading comprehension. Plato once said that music "is a stronger instrument than any other for education". You will find many teachers of young children who would agree with him. Recent research has found that music uses both sides of the brain, a fact that makes it valuable in all areas of development. Music affects the growth of a child's brain academically, emotionally, physically and spiritually.

Now let's deal with the first effect which is the effect on children's academic performance. For some people, this is the primary reason for providing music lessons to their children. A recent study found that music trains the brain for higher forms of thinking, Second graders who were given music lessons scored 27% higher on proportional math and fractions tests than children who received no special instruction. Research indicates that musical training prepares a young mind for enhanced performance.

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191 Which of the following is the best title for the passage?

- | | |
|-----------------------------|------------------------------------|
| 1) Music Use at Home | 2) Music and Young Minds |
| 3) Music: Contrasting Views | 4) Ways to Improve Musical Quality |

192 What aspect of music does the passage mainly discuss?

- | | |
|-----------------|--------------------|
| 1) Its types | 2) Its origin |
| 3) Its function | 4) Its development |

193 The author has mentioned Plato in paragraph 1 in order to -----.

- 1) support the main point of the paragraph
- 2) change the focus of the discussion presented in the paragraph
- 3) set a condition for the achievement of the goal described in the paragraph
- 4) refuse the inclusion of music in class as a teaching instrument before some research into its usefulness is done

194 What instruction does the author mean by "no special instruction" as it is used in paragraph 2?

- | | |
|-------------------------------------|-----------------------------------|
| 1) Instruction in test taking | 2) Instruction in music |
| 3) Instruction at school in general | 4) Instruction in literacy skills |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

For many environmentalists, the world seems to be getting worse; they have developed long lists of our main fears: that natural resources are running out; that the population is ever growing, leaving less and less to eat; that species are becoming extinct in great numbers, and that the planet's air and water are becoming ever more polluted.

But a quick look at the facts shows a different picture. First, energy and other natural resources have become more than they were in the past, not less so, since the book *The Limits to Growth* was published in 1972 by a group of scientists. Second, more food is now produced per head of the world's population than at any time in history. Fewer people are dying of hunger. Third, although animal and plant species are indeed becoming extinct, only about 0/7% of them are expected to disappear in the next 50 years, not 25 - 50%, as has so often been predicted. And finally, most forms of environmental pollution either appear to have been exaggerated, or are transient - associated with the early phases of industrialization and therefore best removed not by limiting economic growth, but by speeding it up.

195 Which of the following statements best describes the way the information in the passage is presented?

- 1) A number of problems are listed and then followed by their appropriate solutions.
- 2) A dangerous situation is described and then its main causes are discussed.
- 3) A main point is made and then refused by the incoming information.
- 4) A conclusion is mentioned and then facts to support it are included.

196 It can be concluded from the passage that those who wrote the book *The Limits to Growth* believed that energy and other natural resources -----

- 1) are endless
- 2) would soon be used more suitably
- 3) are less than they were in the past
- 4) can be used to their full capacity

197 Which of the following best describes the author's opinion about the extinction of animal and plant species?

- 1) It is not happening.
- 2) It is a true event but can be stopped very easily.
- 3) It is happening only to those species that are very weak.
- 4) It is happening at a much lower rate than it is said to be the case by some.

198 The author believes that economic growth -----.

- 1) should be made to continue faster
- 2) is only in its early stages of development
- 3) does lead to pollution, but it should not be stopped anyway
- 4) may not omit pollution but can prevent it from becoming worse than it is now

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

The strongest earthquake to hit Mexico for decades left at least 58 dead and hundreds injured on Friday, after wreaking destruction on the country's south which is a poor region. Rescue workers were struggling to reach isolated rural communities across the worst - hit states of Chiapas and Oaxaca, many of them located high in rugged mountains. The powerful quake damaged buildings as far away as Mexico City. It was also felt in much of Guatemala, where damage to buildings was reported.

Enrique Pe a Nieto, the Mexican president, said the quake had registered a magnitude of 8/2, the strongest the country had suffered in more than a century. Mr. Pe a Nieto reported more than 260 aftershocks up to a magnitude of 6/1, and warned there could be more to come, encouraging people to stay safe and listen to public announcements. He said the quake was felt by around 50 million of Mexico's roughly 120 million population. Schools were closed in 11 states so officials could inspect the buildings for structural damage.

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199 According to the passage, the earthquake -----.

- 1) mostly affected a poor region of Mexico
- 2) was felt by all the people in Mexico
- 3) measured 6/1 on the Richter scale
- 4) happened near Mexico City

200 Many of the villages affected by the earthquake -----.

- 1) received help immediately after the event
- 2) had already experienced a strong quake
- 3) were located in the mountains
- 4) were destroyed to the ground

201 Which of the following is TRUE about the aftershocks mentioned in the passage?

- 1) They caused more damage than expected.
- 2) They were as strong as the earthquake itself.
- 3) They were greater than two hundred and fifty in number.
- 4) They had worried Mexico's President because the people seemed careless about them.

202 The passage is most probably part of a -----.

- 1) scientific paper
- 2) news report
- 3) geography book
- 4) president's speech

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Economic circumstances also affect life expectancy, which is a statistical measure of the average time an organism is expected to live. For example, in the United Kingdom, life expectancy in the wealthiest and richest areas is several years higher than in the poorest areas. This may reflect factors such as diet and lifestyle, as well as access to medical care. It may also reflect a selective effect: people with chronic life-threatening illnesses are less likely to become rich or to live in rich areas. In Glasgow, the difference is amongst the highest in the world: life expectancy for males in the heavily deprived Calton area stands at 54, which is 28 years less than in the rich area of Lenzie, which is only 8 km away.

Life expectancy is also likely to be affected by exposure to high levels of highway air pollution or industrial air pollution. This is one way that people's job can have a major effect on life expectancy. Coal miners (and in prior generations, asbestos cutters) often have lower life expectancies than average life expectancies. Other factors affecting an individual's life expectancy are genetic illnesses, drug use, tobacco smoking, fatness, access to health care, diet and exercise.

203 What does the paragraph before this passage most probably discuss?

- 1) A factor or factors influencing life expectancy
- 2) When the idea of life expectancy first appeared
- 3) People's economic conditions in different countries
- 4) Why people now live longer than they did in the past

204 What aspect of life expectancy in the United Kingdom does the first paragraph deal with?

- 1) The reasons why it is so high
- 2) Techniques used to increase it
- 3) Why it is not fixed from year to year
- 4) How it is affected by people's economic conditions

205 The word "which" in the first paragraph refers to -----.

- | | |
|---------------|--------------------|
| 1) Glasgow | 2) difference |
| 3) Caltonarea | 4) life expectancy |

206 Which of the following is NOT mentioned in the passage as a factor affecting life expectancy?

- | | |
|----------------------|--------------------------|
| 1) Job | 2) Country one lives in |
| 3) Diet and exercise | 4) Access to health care |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

You probably don't like the term 'staycation'. Me neither. But you mustn't be put off. As a concept, it is quite attractive. Perhaps you've already had one, but weren't aware that's what it was called. Staycations don't just mean staying in doing things around the house or just relaxing at home. They involve getting out more by taking day trips from your home to see local sights. If you don't want to stay at home, you can holiday locally - for example, camping at a local campsite.

Staycations originally became popular after the financial crisis of 2008, when people were looking for ways to reduce their spending. Apart from the savings, let's not ignore the other benefits: you don't have any of the problems associated with travel, such as packing, long drives, delays at airports and so on; and you bring money to the local economy, by eating out, for example. The only people who hope this kind of holiday won't become popular are the holiday companies themselves.

Some staycationers who base themselves at home like to follow a set of rules, such as setting a start and end date, planning their activities ahead of time and avoiding routine. You don't have to do these things, but it helps to create the feel of a traditional vacation. Others, aware that an extra barbecue and a visit to the local zoo may not match the thrill of foreign travel, take it a step further. A recent example was Karen Ash, whose story appeared in the Wall Street Journal.

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207 The passage introduces staycation as an alternative to -----.

- | | |
|--------------------|---------------------|
| 1) staying indoors | 2) foreign travel |
| 3) doing business | 4) playing outdoors |

208 What is the author's purpose of the following sentence taken from the first paragraph?
"Staycations don't just mean staying in doing things around the house or just relaxing at home."

- 1) To define a new term
- 2) To prevent a wrong generalization
- 3) To provide an example for a clear description
- 4) To deny the claim that doing housework can be fun

209 According to the passage, what caused staycation to appear as a popular trend was -----.

- 1) problems associated with traveling abroad
- 2) people's interest in local attractions
- 3) a financial problem
- 4) holiday companies

210 What is the paragraph immediately following this passage most likely to discuss?

- 1) Reasons why staycation would become even more popular
- 2) People's opinion about staycation
- 3) Excitement of foreign travel
- 4) Karen Ash's story

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

To overlearn is "to continue studying or practicing (something) even after one somehow has learned something completely so as to strengthen the learned material or skill," according to The American Heritage Dictionary.

For many students, it's difficult to understand this idea. If Emily has learned a lesson, she wants to put her pencil down and walk away. If Scott has got a high mark on a test, he's ready to throw away his notes from the studying session the night before.

According to psychological studies, however, overlearning is important to successful retention of material and performance of tasks. "Don't Just Learn - Overlearn," a blog post by Annie Murphy Paul, explains the empirical evidence behind overlearning, Murphy Paul mentions a study conducted by assistant professor Alaa Ahmed, which measured the amount of energy spent on a task that was repeated over and over. The study, published in The Journal of Neuroscience, found that as participants became more skilled at a task, the amount of energy used to perform that task decreased. "By the end of the learning process, the amount of effort they made to do the task had decreased about 20 percent from when they started," Murphy Paul writes.

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211 The writer has referred to Emily and Scott in paragraph 2 in order to -----.

- 1) list two main effects of overlearning
- 2) prove that many students do practice overlearning even without their own knowing of what it really is
- 3) exemplify the fact that a number of students do not have a clear understanding of overlearning
- 4) give an actual example of how easy it is for students to succeed if they have already studied a subject to the point of overlearning

212 The author has provided all of the following in relation to overlearning EXCEPT its -----
--.

- 1) effects
- 2) causes
- 3) function
- 4) definition

213 According to the passage, who got an article published in The Journal of Neuroscience?

- 1) Alaa Ahmed
- 2) Alaa Ahmed and his assistant
- 3) Murphy Paul
- 4) Murphy Paul and Alaa Ahmed

214 According to the study reported in paragraph 3, the amount of energy spent on a task that is repeated over and over -----.

- 1) decreases in the course of time
- 2) is the major cause of overlearning
- 3) leads to more efforts to accomplish tasks
- 4) needs to be more than normal if overlearning is ever going to happen

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Human-related environmental issues are not new. The problem of deforestation, desertification, water pollution, climate change and the extinction of species have been present throughout the history of the Earth. However, with today's advanced science and technology, people can do greater damages to nature and do it more quickly. The impacts are further compounded. On the other hand, due to population growth, humans are encouraged more than ever to use natural resources to meet the needs of the increasing population, although they know what they are doing is not without environmental consequences. But most of all, the effect of human-created environmental modifications are no longer limited to a local or regional level, but are extending through the whole planet.

The cause of environmental damage is deeply rooted in human culture. Through hundreds of years of industrialization and exploitation of natural resources, humans are acting on the assumption that we are the best species on earth. Because of our cleverness, science and power and materialism we have lost our respect for nature, which would definitely result in our own destruction in the long term. In a world in which materialistic standards are in control, people are made to inefficiently use more natural resources, since personal wealth is becoming the ultimate measure of success in the eye of society.

کنکور سراسری علوم تجربی داخل ۱۳۹۷

215 All of the following are mentioned as factors leading to more man-related damage to the environment EXCEPT -----.

- | | |
|-------------------------------------|-----------------------------|
| 1) extinction of animals and plants | 2) more advanced technology |
| 3) growing human population | 4) part of human culture |

216 The word "it" in paragraph 1 refers to -----.

- | | |
|---------------|---------------------|
| 1) Earth | 2) nature |
| 3) technology | 4) damage to nature |

217 It CANNOT be understood from the passage that if humans manage to be less materialistic, they would -----.

- 1) prevent their long-term destruction
- 2) begin to show more respect for nature
- 3) make more reasonable use of natural resources
- 4) cause much less local than global damage to the environment

218 The passage seems to imply that the present human society -----.

- 1) is in general ruled by materialistic standards
- 2) will soon stop viewing itself as the best society on this planet
- 3) is unaware of the global damage it is causing to the environment
- 4) would act more quickly to save the environment if it really knew how valuable the environment is

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

When we are learning a foreign language, we tend to think that it is important to understand everything that we hear. But when you are listening to someone talking in your own language, you probably don't listen at 100% and nor do you probably need / wish to.

Thus, an essential rule for improving your understanding of native English speakers is not to expect to understand everything they say. My wife and I are both from Tokyo in Japan. When we watch DVDs of English television series, we watch with subtitles-if we don't have subtitles, we sometimes miss about 20% of what is said. However, even if we don't turn on the subtitles and thus miss 20%, we still understand enough to follow the story.

Understanding enough to follow the plot should be your objective too. By "plot," I mean a conversation in a restaurant, a formal presentation, a telephone call.

In non-strictly technical or scientific encounters, conversations are often more a means of being together, a socio-cultural event in which relations are established, rather than an opportunity for exchanging information. Most of the time, what is said may be completely irrelevant. Quite often talking is merely an end in itself. When we go out for dinner with friends, the main object is not to collect useful information but simply to interact with the people we are with and to enjoy each other's company.

کنکور سراسری علوم تجربی داخل ۱۳۹۷

219 Why does the author refer to the experience of talking in the mother tongue (paragraph 1)?

- 1) To prove that learning a new language is not easy
- 2) To show that our knowledge of our native language is perfect
- 3) To support the main point mentioned in an earlier statement in the same paragraph
- 4) To state that the mental effort you make to understand when others are talking to you is more than the mental effort you make when you yourself are talking.

220 According to paragraph 2, when one is watching a film in a foreign language -----.

- 1) subtitles are to be used if one is expected to be able to follow the line of the story perfectly enough
- 2) one can understand and enjoy the story even if one does not understand everything that the film characters say
- 3) one is very likely to miss 20 percent of the content of the film even if one is watching the film with subtitles
- 4) it is enough for one to understand 20 percent of what the characters in a film say in order to understand the general points in the film

221 In which paragraph has the author used exemplification to make herself better understood?

- 1) Only paragraph 1
- 2) Only paragraph 2
- 3) Only paragraph 4
- 4) Both paragraph 2 and paragraph 4

222 What makes the focus of paragraph 4 different from the focus of the first three paragraphs is that this paragraph is concerned more with the role of language in .

- 1) bringing people together
- 2) research-related activities
- 3) enhancing scientific achievements
- 4) cultural development in the world

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

They are quite a talking point in Italy at the moment, these so called mammoni. Just why is it that Italian 'children' leave home so late in life? Many stay with their parents until well into their thirties. Some never leave the family nest at all. One reason is the Italian education system. It may seem unbelievable to those of you who finished your degree at the age of 21, but most Italian students don't graduate until their late twenties. It is up to their families to support them financially, as the few scholarships granted are given to those from large families with lots of brothers and sisters who are also students.

Another reason is the bella figura, which is still such an important part of Italian life. Roughly translated, this means to create a good impression on others. In order to achieve labella figura it is quite normal for Italian youngsters to be given a brand new car at the age of 18, plus a mobile phone, and of course there will be no lack of parental handouts for new clothes, shoes, sunglasses and all those other essentials. Naturally this means there is no contribution to the housekeeping, even if the child is earning. One 35-year-old teacher, who is my friend, very honestly said, "My parents pay the bills and in exchange I'm there for them if they need me. I'm not unusual."

کنکور سراسری زبان داخل ۱۳۹۶

223 The word "They" in paragraph 1 refers to Italian -----.

- 1) family patterns
- 2) parents who are in their thirties
- 3) children leaving home so late in life
- 4) young people tending to get a college degree late in life

224 According to the passage, those Italian students who get financial aid for college education --
-----.

- 1) should then support their brothers and sisters
- 2) come from large families with talented children
- 3) can be hopeful to end their education before the age of 21
- 4) are not as great in number as those who go to college without such aid

225 The passage states that those young people whose families give them cars, mobile phones, and so on -----.

- 1) are not required to help around the house
- 2) should begin working as soon as they can
- 3) are not likely to live independently until they are 35
- 4) are expected to behave well enough to be a model for youngsters in other families

226 The author refers to a friend of his in paragraph 2 in order to -----.

- 1) mention an exception
- 2) introduce another reason
- 3) modify and earlier statement
- 4) further support the main point of the same paragraph

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Protein plays a very important role in a successful health, beauty, and anti-aging program. It is the basic material of life. In fact, the word protein comes from an ancient Greek word meaning "of first importance."

The body could not grow or function without it. As protein is digested, it breaks down into amino acids, which are then used by the cells to repair themselves. Since the human body can manufacture only 11 of the 20 amino acids that are essential for life, the remaining 9 must be provided through the intake of dietary protein.

Without enough protein, our bodies enter into a fast aging mode. Our muscles, organs, bones, cartilage, skin, and the antibodies that protect us from disease are all made of protein. Even the enzymes that take part in essential chemical reactions in the body_ from digestion to building cells_ are made of protein. If your cells do not have complete access to all the essential amino acids, cellular repair will be incomplete and also much slower.

It's important to note that protein cannot be stored in our bodies; therefore, we need to have a good source of quality protein at each meal for optimum health and cellular repair.

کنکور سراسری ریاضی و فیزیک خارج از کشور ۱۳۹۶

کنکور سراسری علوم تجربی خارج از کشور ۱۳۹۶

کنکور سراسری علوم انسانی خارج از کشور ۱۳۹۶

کنکور سراسری هنر خارج از کشور ۱۳۹۶

کنکور سراسری زبان خارج از کشور ۱۳۹۶

227 What aspect of protein does the passage mainly discuss?

- | | |
|-----------------------|--------------------------|
| 1) What it does | 2) What it is made up of |
| 3) How it is produced | 4) Where it can be found |

228 Which of the following is TRUE about the origin of the word "protein?"

- 1) It is related to words meaning health, beauty, and anti-aging.
- 2) The actual word which it originally comes from means something that matches the importance of protein for the human body.
- 3) It comes from a word in the English language which has a similar meaning to a word in Greek meaning "of first importance"
- 4) It goes back to a word in the Greek language which was invented when the role of protein in protecting our health was first discovered.

229 Which of the following is NOT true about protein, according to the passage?

- 1) It is the source of amino acids that human cells need to repair themselves.
- 2) What the human body uses to protect itself against illnesses is made of protein.
- 3) The source of all the amino acids that the human body needs to function properly is the protein we consume.
- 4) In order to repair themselves, our cells require a number of amino acids some of which are provided through the intake of dietary protein.

230 It can be understood from the passage that enzymes -----.

- 1) take part in the cell-building process
- 2) are needed for the production of protein in the body
- 3) make it possible for our cells to have access to the essential amino acids
- 4) are the product of a number of essential chemical reactions in the human body

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Dolphins are highly social animals, often living in pods of up to a dozen individuals, though pod sizes and structures vary greatly between species and locations. In places with a high abundance of food, pods can go together temporarily, forming a superpod; such groupings may go beyond 1,000 dolphins. Membership in pods is not rigid; interchange is common. Dolphins can, however, have strong social relations; they will stay with injured or ill individuals, even helping them to breathe by bringing them to the surface if needed.

This altruism does not appear to be limited to their own species.

The dolphin Moko in New Zealand has been observed guiding a female Pygmy Sperm Whale together with her baby out of shallow water where they had stranded several times. They have also been seen protecting swimmers from sharks by swimming circles around the swimmers or attacking the sharks to make them go away.

کنکور سراسری ریاضی و فیزیک خارج از کشور ۱۳۹۶
کنکور سراسری علوم تجربی خارج از کشور ۱۳۹۶
کنکور سراسری علوم انسانی خارج از کشور ۱۳۹۶
کنکور سراسری هنر خارج از کشور ۱۳۹۶
کنکور سراسری زبان خارج از کشور ۱۳۹۶

231 . What is the best title for the passage?

- | | |
|---------------------------------|--------------------------------|
| 1) Dolphins: Highly Intelligent | 2) Humans and Dolphins |
| 3) The Most Playful Animal | 4) Social Behavior of Dolphins |

232 According to the passage, a superpod -----.

- | | |
|-------------------------------------|---|
| 1) is rarely formed | 2) includes hundreds of dolphins |
| 3) stays as it is once it is formed | 4) can be seen where there is much food |

233 What does the phrase "This altruism" in paragraph I mean?

- | | |
|--------------------------------------|---|
| 1) Coming to the surface to breathe | 2) To establish strong social relations |
| 3) Dolphin's becoming injured or ill | 4) Dolphins' helping each other |

234 The passage mentions the dolphin Moko in New Zealand to -----.

- 1) support an earlier statement
- 2) give an example of dolphins' family life
- 3) show that there are various dolphin species
- 4) Prove that dolphins are more intelligent than other sea animals

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Heart disease is Western society's number-one killer. It accounts for one-third of deaths in America and for well over half the deaths among middle-aged men. Heart disease was relatively rare in America at the start of the 20th century, but it has risen greatly since then, with a slight downturn since 1960. Heart disease is often viewed as a disease of modern living, spurred on by the habits and the stress of industrialized society. Evidence for this idea comes from the fact that non-Western societies have relatively low rates of heart disease. And there is a higher rate of heart disease among immigrants to America, such as Japanese-Americans and Chinese-Americans, than among those who remain in their native country, suggesting that something about the Western environment promotes the development of the disease.

Heart disease usually involves the formation of a fatty substance called plaque in the walls of the coronary arteries that are arteries supplying blood to the heart. If the arteries become narrowed enough or blocked, the person may suffer a heart attack (death of a region of heart muscle tissue). Among the many factors that have been found to be related to the risk of developing heart disease are high blood pressure (or hypertension), a history of heart disease among one's close relatives (indicating a possible genetic predisposition to the disease), cigarette smoking, being relatively overweight, and a high level of a fatty substance called cholesterol in the blood.

کنکور سراسری هنر داخل ۱۳۹۶

235 According to the passage, when did heart disease begin to rise?

- 1) A few years before 1960
- 2) After the 20th century began
- 3) When people began to leave their home countries
- 4) When the number of middle-aged people increased

236 What does the writer mean by "this idea" in paragraph 1?

- 1) The fact that heart disease is number-one killer in America
- 2) The fact that non-Americans have a low rate of heart disease
- 3) The fact that a rise in heart disease is a product of modern life
- 4) The fact that it is stressful to make a society a very industrialized one

237 Which of the following is TRUE about "those who remain in their native country," (paragraph 1)?

- 1) They are those people in non-Western countries who do not leave their country.
- 2) They are more likely to have heart disease because they do not have a healthy lifestyle.
- 3) They are those Japanese-Americans and Chinese-Americans who go back to their native countries.
- 4) They are those people from non-Western countries who seem to have a family record of heart disease.

238 Which of the following is NOT defined in the passage?

- 1) plaque (paragraph 2)
- 2) coronary arteries (paragraph 2)
- 3) heart attack (paragraph 2)
- 4) close relatives (paragraph 2)

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

A person suffering from diabetes is one whose blood sugar levels are very high. Recently a large study has found that eating fresh fruit may reduce the risk for developing diabetes, and the risk for its complications. Fresh fruit has well-known health benefits. But some experts and some people with diabetes question whether its high sugar content could pose risks.

The study, in PLOS Medicine, tracked diet and health in 512,891 Chinese men and women aged between 30 to 79 for an average of seven years, controlling for smoking, blood pressure and other factors.

Among those without diabetes at the start, eating fresh fruit daily was associated with a 12 percent lower risk of developing the disease compared with those who ate none. The more frequently they ate fruit, the lower their risk.

In people who were already diabetic, those who ate fruit three times a week had a 17 percent lower risk of all-cause mortality, and a lower risk for diabetic complications like heart and kidney disease, that those who didn't eat fruit.

The study was observational and the reason for the effect remains unclear. But the lead author, Dr. Huaidong Du, a research fellow at the University of Oxford, said "the sugar in fruit is not the same as the sugar in manufactured foods and may be metabolized differently. And there are other nutrients in fruit that may benefit in other ways."

کنکور سراسری زبان داخل ۱۳۹۶

قلمچی ریاضی و فیزیک دوازدهم آزمون شماره ۷ تابستان ۱۳۹۸

قلمچی علوم انسانی دوازدهم آزمون شماره ۷ تابستان ۱۳۹۸

239 What aspect of fresh fruit does the passage mainly discuss?

- 1) A function it serves
- 2) Ways to make use of it
- 3) Parts of which it consists
- 4) A way to use it to design medical research

240 It can be understood from the passage that the reason for the effect of fresh fruit on diabetes is -----.

- 1) yet to be discovered
- 2) fully understood now
- 3) definitely related to the sugar type it contains
- 4) probably because of its being specially rich in nutrients

241 In the study reported in the passage, who ran a 12 percent lower risk of developing diabetes?

- 1) Those who used to eat no fresh fruit at the start
- 2) Those who had the problem of diabetes at the beginning of the study
- 3) Those who were not diabetic and had a daily consumption of fresh fruit
- 4) Those diabetic people who were put on a diet including the use of fruit at least three times a day

242 Which of the following can be understood from the passage about those people who were included in the study?

- 1) They had a family record of diabetes.
- 2) They did not eat the same amount of fresh fruit daily.
- 3) They included Chinese men and women of all age ranges.
- 4) They were a number of people who had a good chance of falling victim to diabetes.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Television has become so widespread that many British children now combine it with other activities, including social networking online, looking from their laptop to the TV screen and back again. Even if they are concentrating on the television, young people are now unwilling to watch just one program, with boys in particular often switching between channels to keep up with two programs at the same time. The survey, conducted by the market research agency Childwise, will increase worries that childhood is increasingly about private space and sedentary activities and less about play, social interaction or the child's own imagination.

The government's recent Children's Plan focused on improving play facilities as a means of ensuring a more balanced life for young people who spend a lot of time watching television. Today's survey findings show that after decreasing for three years, television-watching among children is now increasing again. This is mainly the result of more girls watching television series.

Internet use is also continuing to increase rapidly. This means British children spend an average of five hours and 20 minutes in front of a screen a day, up from four hours and 40 minutes five years ago. Reading books for pleasure, on the other hand, continues to decrease as a regular pastime. While four out of five children read books in their own free time, only a quarter do so daily and 53% at least once a week.

کنکور سراسری علوم انسانی داخل ۱۳۹۶

243 What does the passage mainly discuss?

- 1) The development of bad habits among children
- 2) The findings of new research methods in Britain
- 3) Why the Internet is taking the place of television
- 4) The negative effect of television watching on children

244 According to the passage, which of the following has experienced a decreasing trend among children?

- 1) TV Watching
- 2) Social Interaction
- 3) Private Space
- 4) Research-related Activities

245 Which of the following statements is FALSE, according to the passage?

- 1) Television watching has been on the decrease in the past ten years.
- 2) Doing several things at the same time is not a rare phenomenon among children these days.
- 3) It is stated by some that children on average spend five hours and 20 minutes in front of a computer screen daily.
- 4) Some people believe that if children spend a lot of time watching television, they do not have a life balanced enough.

246 Which one of the following best describes the function of paragraph 3 in relation to paragraphs 1 and 2?

- 1) It denies the seriousness of the problem described in those paragraphs.
- 2) It modifies the claim of those paragraphs through facts and figures.
- 3) It provides an exception to the rule mentioned in those paragraphs.
- 4) It further supports the points made in those paragraphs.

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

It was the first day of school and Josh knew it wasn't going to be a good one. It was only 8:10 and he was already running late and had already gotten into a row with his mother. As he ran very fast to catch the bus, he felt bad about leaving his mom still angry. After all, she was right- he should have gotten up when the alarm clock went off. The driver waited just a moment before shutting the bus doors.

Josh froze in his tracks as he watched the bus go away. Now he would have to go back home and not only face his mom, but also ask her for a ride to school. Josh closed his eyes for a moment, then opened them wide (His mom said this makes him calm. He hoped she was doing it, too.) Then he shoved his hands into his pockets and walked back home.

Mom didn't even look shocked to see him when he came back in the door. It was more of a glare. Josh knew what that meant- I told you so. Rather than argue with his mom, he just apologized and sweetly asked for a ride to school. Mom's face softened and she went to get her keys.

کنکور سراسری علوم انسانی داخل ۱۳۹۶

247 Josh knew that his first day of school was not going to be a good one because ----- .

- 1) his mother did not like him
- 2) he did not enjoy going to school
- 3) he had not gotten up early enough for school
- 4) his mother would not agree to take him to school in her car

248 According to the passage, the bus driver ----- .

- 1) did not stop to pick Josh up
- 2) saw Josh but did not let him in
- 3) thought that Josh did not plan to go to school
- 4) did not wait long enough for Josh to catch the bus

249 Why did Josh close his eyes after the bus left him alone?

- 1) To bring himself comfort
- 2) To find out what to do next
- 3) To make his mom feel calm
- 4) To imagine what would happen at home

250 Which of the following best describes his mother's first reaction when she saw him come back home?

- 1) Shocked
- 2) Angry
- 3) Anxious
- 4) Friendly

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

One of the most important decisions at the time when people grow up and become adults is what job or career to choose. However, with so many possibilities to choose from, this decision is often a difficult one to make. In addition, there are many factors that may influence an individual in the choice of a career and some of these may be conflicting. For example, family pressure, the potential for earning money, and one's own personal interest may all be factors that pull an individual in three different directions when trying to decide what career path to follow.

Although it is often stated that by the time a person is a young adult they will know what they want to "do with their life," in fact, the process of finding a career may take a long time. It is not uncommon for an individual to try more than one career before finding the one that leads to job satisfaction.

Clearly young adulthood is a period of stress. It is a time for raising a family, finding and maintaining the "right" job, and keeping a balance among self, family, job, and society at large. It is a period of life that requires great energy. Fortunately, in terms of physical development, we are at something of a peak during our 20s and 30s.

As Levinson (1986) has stated, "early adulthood is the era of greatest energy and abundance and of greatest contradiction and stress."

251 Why does the author mention "family pressure, the potential for earning money, and one's own personal interest," in paragraph 1?

- 1) To give examples of adult responsibilities
- 2) to explain why adults need to choose a career
- 3) To introduce some of the factors that influence an adult's choice of a career
- 4) To discuss the positive and negative effects of every career choice

252 The word "one" in paragraph 1 refers to -----.

- | | |
|-------------|----------------|
| 1) factor | 2) career |
| 3) decision | 4) possibility |

253 Which of the following is NOT true, according to the passage?

- 1) Early adulthood is a period in which adults undergo stress.
- 2) individual young adults do not all exactly know what they want to do with their life.
- 3) Keeping a balance among self, family, job, and society can be a source of stress for young adults.
- 4) It is highly unlikely for a young adult to change jobs before he/she starts the one he/she really comes to love.

254 The passage is primarily intended to -----.

- | | |
|------------------------|----------------------|
| 1) inform | 2) make a suggestion |
| 3) introduce a finding | 4) provide advice |

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

For centuries there have been descriptions of unusual animal behavior happening before and related to earthquakes. In cases where animals show unusual behavior some tens of seconds before a quake, it has been suggested they are responding to the P-waves. These travel through the ground about twice as fast as the S-waves that cause most severe shaking. They predict not the earthquake itself-that has already happened-but only the possible arrival of the more destructive S-waves.

In the 1970s, scientists thought that a practical method for predicting earthquakes would soon be found, but by the 1990s continuing failure led many to question whether it was even possible. Demonstrably successful predictions of large earthquakes have not occurred and the few claims of success are not accepted by all scientists. For example, the most famous claim of a successful prediction is related to the 1975 Haicheng earthquake. A later study said that there was no valid short-term prediction. Extensive searches have reported many possible earthquake signals, but, so far, such signals have not been reliably identified across significant spatial and temporal scales. While part of the scientific community hold that, considering non-seismic signals or precursors and given enough resources to study them extensively, prediction might be possible, most scientists are not that positive and some say that earthquake prediction is inherently impossible.

کنکور سراسری علوم تجربی داخل ۱۳۹۶

255 The word They in paragraph 1 refers to -----.

- | | |
|------------|-----------------------------|
| 1) P-waves | 2) animals |
| 3) S-waves | 4) both S-waves and P-waves |

256 Which of the following can be understood from the passage about scientists' opinion about earthquake prediction?

- 1) They do not agree with one another about the possibility of earthquake prediction.
- 2) They believe that using old methods such as animal behavior observation is very useful.
- 3) They argue that due to a change in earthquake types, earthquake prediction is not as exact as it used to be.
- 4) They state that success in earthquake prediction is more likely if they just engage themselves in short-term predictions.

257 The writer mentions the 1975 Haicheng earthquake in paragraph 2 because it -----.

- 1) is well known all over the world
- 2) was predicted pretty well and just in time
- 3) was one of the strongest earthquakes that could have caused much damage
- 4) is claimed to have been predicted, a claim with which not all scientists actually agree

258 There is enough information in the passage to answer which of the following questions?

- 1) How much faster do P-waves travel compared to S-waves?
- 2) Why is it that S-waves are more destructive than P-waves are?
- 3) In what cases did scientists fail to predict earthquakes in the 1990s?
- 4) What kind of unusual animal behavior can be a signal of an upcoming earthquake?

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

Roald Dahl was one of the most successful writers of children's books who ever lived. He sold millions of books all over the world. He is so famous there is even a Roald Dahl Museum you can visit. Many of his books have been made into films and videos.

Roald Dahl was born in 1916 in Wales. His father was rich but he died when Roald was very young. Roald's mother brought him up. He hated school and left school as soon as he could. Roald went to Africa to seek his fortune, and he spent two years working for an oil company. In 1939 Roald joined the Air Force as a pilot, but he had a bad crash in the desert. His injuries made him limp for the rest of his life. After this Roald went to America where he wrote a story about his adventures as a pilot. It was so good it was published in a magazine.

Roald met and married Patricia Neal. They bought a house in England and had five children. Between 1960 and 1965 three terrible things happened. Theo, one of his children, was hit by a taxi in New York and was badly hurt. Luckily, he recovered. However, Olivia, one of Roald's daughters, died of a rare illness. Soon after this, his wife also had a serious illness. It took her two years to get completely better. After these two difficult years, his days of success finally arrived.

کنکور سراسری ریاضی و فیزیک داخل ۱۳۹۶

259 Which of the following best suits the topic of the paragraph immediately following this passage?

- 1) A new chapter in Roald's life
- 2) The success that Roald's daughter had
- 3) How Roald helped his wife feel healthy again
- 4) The reason why Roald turned to story writing

260 According to the passage, Roald thought he would be able to make much money when he -
-----.

- 1) started a museum
- 2) left Wales for Africa
- 3) began writing stories for children
- 4) went to a country in Africa to discover oil

261 Which of the following is TRUE about Roald?

- 1) Sad events happened in his life in the first half of the 1960s.
- 2) The airplane accident he had did not physically damage him.
- 3) He did not have any formal schooling because he disliked schools.
- 4) His stories somehow reflect the events that in fact happened in his lifetime.

262 The passage provides enough information to answer which of the following questions?

- 1) How old was Olivia when she died?
- 2) How long did Roald serve the Air Force as a pilot?
- 3) Why were Roald's books used as a source for filmmaking?
- 4) Where did Roald write a story about his adventures as a pilot?

Passage

Directions: Read the following passage and answer the questions by choosing the best choice (1), (2), (3), or (4).

There is a big difference between the amount of sleep you can get by on and the amount you need to function optimally. According to the National Institutes of Health, the average adult sleeps less than seven hours per night. In today's fast-paced society, six or seven hours of sleep may sound pretty good. In reality, though, if you sleep that long, you are most probably not getting the sleep you need. Just because you're able to operate on six or seven hours of sleep doesn't mean you wouldn't feel a lot better and get more done if you spent an extra hour or two in bed.

While sleep requirements vary slightly from person to person, most healthy adults need between 7 to 9 hours of sleep per night to function at their best. Children and teenagers need even more. And despite the notion that our sleep needs decrease with age, most older people still need at least 7 hours of sleep. Since older adults often have trouble sleeping this long at night, daytime naps can help fill in the gap.

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263 What is the main idea of the passage?

- 1) Differences in sleep patterns
- 2) Ways to improve our sleeping habits
- 3) The amount of sleep humans need
- 4) Reasons why we do not sleep enough

264 According to the passage, the appropriate number of hours of sleep for people -----.

- 1) is on the rise in today's fast-paced society
- 2) is something between 6 to 7 hours per day
- 3) depends on their daily function
- 4) is not exactly the same

265 What does the author mean by "that long" in paragraph 1?

- 1) As much sleep as required
- 2) Six or seven hours of sleep
- 3) Longer than seven hours of sleep per night
- 4) The length of time you actually sleep in real life

266 With which of the following statements is the author more likely to agree?

- 1) All people need daytime naps these days.
- 2) As people age, they tend to sleep longer hours.
- 3) Today's society is a fast-paced one because people cannot function optimally.
- 4) Children and teenagers in general need more than 7 to 9 hours of sleep per day.