

22-26: For these questions, choose the best word or expression to fill the spaces in the passage.

Homeschooling is a progressive movement around the world, in which parents choose to educate their children at home **(22)** ---- sending them to a traditional school. Families choose to homeschool for a variety of reasons, **(23)** ---- dissatisfaction with the educational options, religious beliefs or educational philosophies, and the belief that children are not progressing **(24)** ---- the traditional school structure. The homeschooling movement began in the 1970s, when some popular authors and researchers started writing about educational reform. **(25)** ----, homeschooling gained momentum as an alternative educational option before long. According to statistics, there are now more than two million children **(26)** ---- at home in the U.S., with the percentage rapidly increasing by 7 to 15 percent each year.

22.

- A) due to
B) in case of
C) thanks to
D) instead of
E) despite

23.

- A) including
B) thanks to
C) except for
D) in place of
E) through

24.

- A) above
B) around
C) within
D) below
E) behind

25.

- A) Namely
B) Thus
C) Subsequently
D) Otherwise
E) Conversely

26.

- A) educating
B) having educated
C) to have educated
D) educated
E) having been educated



27-36: For these questions, choose the best option to complete the given sentence.

27. While fear is considered a response to a threat that is present, ----.
- A) many fear that overcoming present problems will take a long time
 - B) people with anxiety disorders can experience such conditions more frequently
 - C) anxiety involves the dread that accompanies thinking about a potential threat
 - D) certain brain areas, including the hippocampus and prefrontal cortex, are active when one is scared
 - E) the role of fear in preventing effective learning needs further research
28. Although it is uncertain whether climate change will lead to an increase in the number of hurricanes, ----.
- A) the effects of climate change on hurricanes are still unknown
 - B) the frequency of hurricanes and the damage they cause vary from basin to basin
 - C) hurricanes have also increased in intensity over the past two or three decades
 - D) warmer ocean temperatures and higher sea levels are expected to intensify their impacts
 - E) this increase is correlated with the rise in sea surface temperatures
29. The Maya are generally known to have practiced a primitive type of "slash-and-burn" agriculture ----.
- A) thus, they were deeply religious, and worshiped various gods related to nature, including the gods of the sun
 - B) on the contrary, major Maya cities of the time were surrounded and supported by a large population of farmers
 - C) yet, they performed elaborate religious ceremonies and rituals at the beginning and the end of each rainy season
 - D) however, they also displayed evidence of more advanced farming methods, such as irrigation and terracing
 - E) therefore, at the top of Maya society were the kings, who claimed to be related to gods and followed a hereditary succession
30. Even if Howard Gardner's theory of multiple intelligence gained widespread acceptance within the scientific circles, ----.
- A) this theory suggests that traditional psychometric views of intelligence are too limited
 - B) he theorized that people do not have just one, but many kinds of intelligence
 - C) a person most likely possesses a range of abilities such as verbal, musical, spatial and naturalistic
 - D) he also received criticism since his theory described abilities or personality traits rather than intelligence
 - E) many teachers utilizing multiple intelligences integrate Gardner's theory into the classroom

31. It is assumed that people transmit rumours only when they believe them and that discrediting a rumour will stop its spread ----.

- A) so rumour is seen as a seeking, rather than a believing process
- B) yet, other evidence suggests people pass on rumours whether they believe them or not
- C) thus, it is urgent to reach a consensus over how to prevent its spread
- D) moreover, the rumour process eliminates the most improbable and unreliable accounts
- E) but, individuals who are known to have inside information are regularly consulted for verification

32. Since transistors are the work horses of a computer, ----.

- A) doubling the transistors generally means doubling the computer processing power
- B) every couple of years, storage devices like memory and hard drives get bigger and faster
- C) future computers might use atoms, DNA, light or quantum computing
- D) nano-sized bio-computers could target specific areas inside a patient's body to cure it
- E) one of their main applications is amplifying, that is, increasing the power of a signal

33. Because only large animals can produce relatively low-frequency sounds, ----.

- A) this information helps animals find food, shelter, mates and new habitats
- B) it is affected by biases and thresholds passed on to it by successful prior generations
- C) the link between alternative signals and different circumstances is called a code
- D) animals differ widely in the mechanisms by which they acquire signal codes
- E) this signal, when received by a small animal, provides evidence that the opponent is large

34. ----, the focus on alternative forms of energy needs to intensify.

- A) Although people are exploiting the natural resources on Earth at an accelerating rate
- B) As humanity's impact on the planet's natural resources becomes increasingly profound
- C) Since scientists are working hard to engineer Earth's weather and modify the environment
- D) Provided that the research on global warming leads us into the next age of renewable energy
- E) Even though depletion of natural resources is caused by both natural and human-made causes

35. The most common myth about human trafficking is that it often involves kidnapping or forcing someone into a situation, ----.

- A) human trafficking is therefore the use of force, fraud or coercion to get another person to provide labour or other benefits
- B) moreover, many survivors are trafficked by romantic partners, including spouses, and by family members, including parents
- C) in contrast, labour trafficking occurs in all countries but is reported at lower rates than other types of trafficking
- D) human trafficking is, thus, often confused with human smuggling, which involves illegal border crossings.
- E) in reality, however, most human traffickers use psychological means such as, tricking, defrauding, manipulating or threats

36. Social democracy was originally known as revisionism ----.

- A) because it represented a change in an already existing doctrine by rejecting the use of revolution to establish a socialist society
- B) in that the growth of social democracy owed much to the influence of political theorists
- C) although the principles of the various social democratic parties began to diverge to some extent
- D) just as success for socialism depended on eliminating misery and offering a decent life to the working class
- E) since the term "revisionism" is used as a label for certain types of deviation from established Marxist views

37-42: For these questions, choose the most accurate Turkish translation of the sentences in English, and the most accurate English translation of the sentences in Turkish.

37. Dominica was the last of the Caribbean islands to be colonized by Europeans, due largely to the fierce resistance of the native Caribs.

- A) Dominik, büyük ölçüde yerli Karayiplilerin şiddetli direnişi sayesinde Avrupalılar tarafından sömürgeleştirilen son Karayip adası olmuştur.
- B) Dominik, büyük ölçüde yerli Karayiplilerin şiddetli direnişinden ötürü Avrupalılar tarafından çok geç sömürgeleştirilebilen Karayip adası olmuştur.
- C) Yerli Karayiplileri ile şiddetli direniş gösteren Dominik, Avrupalılar tarafından sömürgeleştirilen Karayip adalarının sonuncusuydu.
- D) Dominik, büyük ölçüde yerli Karayiplilerin şiddetli direnişinden ötürü Avrupalılar tarafından sömürgeleştirilen Karayip adalarının sonuncusuydu.
- E) Dominik, yerli Karayiplilerin şiddetli direnişi nedeniyle Avrupalılar tarafından büyük ölçüde sömürgeleştirilen Karayip adalarının sonuncusuydu.

38. Similar in size to living human cells, microrobots are far less likely to cause tissue damage than conventional medical interventions, such as surgical incisions and catheter insertions.

- A) Canlı insan hücrelerine boyut açısından benzer olan mikro robotların, cerrahi kesiler ve kateter yerleştirmeleri gibi geleneksel tıbbi müdahalelerden farklı olarak, doku hasarına neden olma olasılığı çok daha düşüktür.
- B) Cerrahi kesiler ve kateter yerleştirmeleri gibi geleneksel tıbbi müdahalelere göre mikro robotların az doku hasarına neden olması, canlı insan hücresi boyutuna çok daha benzer olmalarındandır.
- C) Canlı insan hücreleri gibi küçük boyutlara sahip olan mikro robotların cerrahi kesiler ve kateter yerleştirmeleri gibi geleneksel tıbbi müdahalelere göre doku hasarına neden olma olasılığı çok düşüktür.
- D) Canlı insan hücrelerinin boyutuna benzer şekilde, mikro robotlar cerrahi kesiler ve kateter yerleştirmeleri gibi geleneksel tıbbi müdahalelere kıyasla çok daha az doku hasarına neden olmaktadır.
- E) Canlı insan hücrelerine boyut açısından benzer olan mikro robotların cerrahi kesiler ve kateter yerleştirmeleri gibi geleneksel tıbbi müdahalelere göre doku hasarına neden olma olasılığı çok daha düşüktür.

39. About 68 percent of adults believe that, during the next century, evidence showing that life exists in this or other galaxies will be discovered.

- A) Bu ya da başka galaksilerde yaşamın var olduğunu gösteren kanıtların keşfedileceğine yetişkinlerin yaklaşık yüzde 68'i tarafından inanılmaktadır.
- B) Yetişkinlerin yaklaşık yüzde 68'i, gelecek yüzyılda, yaşamın bu ya da başka galaksilerde var olduğunu gösteren kanıtların keşfedileceğine inanıyor.
- C) Yetişkinlerin yaklaşık yüzde 68'i, gelecek yüzyıl boyunca, yaşamın bu ya da başka galaksilerde var olduğunu kanıtlayacak keşifler yapılacağı inancındadır.
- D) Yetişkinlerin yaklaşık yüzde 68'i, yakın gelecekte, yaşamın bu ya da başka galaksilerde var olduğunu göstermek için kanıtların keşfedileceğine inanıyor.
- E) Yetişkinlerin yaklaşık yüzde 68'inin, gelecek yüzyılda, yaşamın bu ya da başka galaksilerde var olduğunu gösteren kanıtların keşfedileceğine olan inancı tamdır.

40. Hayvanları veya bitkileri yabancı bir habitat içine sokmak, rekabet etmek için gerekli mekanizmalara sahip olmayan bu bölgenin doğal yaşamı için genellikle feci sonuçlar doğurur.

- A) Introduction of animals or plants into a foreign habitat often has disastrous results for the native life of the area that isn't equipped with the mechanisms to compete.
- B) When introduced into a foreign habitat, animals or plants often have disastrous results for the native life of the area that doesn't possess the necessary mechanisms to compete.
- C) Since it doesn't possess the necessary mechanisms to compete, the native life of a habitat may experience disastrous results due to foreign animals or plants.
- D) Introducing animals or plants into a foreign habitat often has disastrous results for the native life of the area that doesn't possess the necessary mechanisms to compete.
- E) The native life of an area, lacking the necessary mechanisms to compete, are disastrously affected by the introduction of foreign animals or plants into their habitat.

41. Felsefe üzerine arařtırmaları çoğunlukla teşvik eden şey yalnızca cevaplar veya savların kendisi deęil, savların iyi ve cevapların doęru olup olmadığıdır.

- A) The research on philosophy is mostly motivated by not merely the answers or arguments themselves but whether or not the arguments are good and the answers are true.
- B) What mostly motivates the research on philosophy is not merely the answers or arguments themselves but whether or not the arguments are good and the answers are true.
- C) Those conducting the research on philosophy are mostly motivated by not only the answers or arguments themselves but whether or not the arguments are good and the answers are true.
- D) The research on philosophy finds motivation in not just the answers or arguments themselves but also whether or not the arguments are good and the answers are true.
- E) What mostly motivates the researchers of philosophy is not solely the answers or arguments themselves but whether or not the arguments are good and the answers are true.

42. İkinci bir dil öğrenirken, hatalara, insanın kendisini geliştirme fırsatı oldukları için bir hayal kırıklığı kaynağı yerine, bir öğrenme aracı olarak bakmak önemlidir.

- A) When learning a second language, it is important to look at errors as an instrument of learning, instead of a source of frustration as they are an opportunity to improve oneself.
- B) While learning a second language, what is important is to look at errors as an instrument of learning, instead of a source of frustration since they are an opportunity to improve oneself.
- C) It is important to look at errors as an instrument of learning, rather than a source of frustration during second language learning process as they are an opportunity to improve oneself.
- D) When learning a second language, errors should be regarded as an instrument of learning, instead of a source of frustration as they are an opportunity to improve oneself.
- E) While learning a second language, one should look at errors as a means of learning, instead of a source of frustration as they are an opportunity to improve oneself.

47-50: Answer these questions according to the passage below.

The sudden need for specific foods is a universal struggle. Surveys show that a majority of people experience food cravings. And scientists have begun to understand the yearnings at a more fundamental level. A study found that when participants thought about foods they liked, certain areas of the brain lit up. Specifically, the hippocampus, the insula and the caudate nucleus, all key players in the dopamine reward system also involved with other types of cravings. This is consistent with the idea that cravings of all kinds, whether for food, drugs or designer shoes, have common mechanisms. Looking at it through an evolutionary lens, the tendency to yearn for select foods and to overconsume once they are nearby isn't surprising. As Kent Berridge, a professor of psychology, notes "not many people crave raw carrots, but lots of people crave the sweet and fatty things." These foods are typically high in calories, and because our primitive ancestors didn't have the luxury of walking into the nearest grocery store or fast food joint, they took advantage of energy-dense foods when they were available. When every meal is a risky adventure, you don't hesitate when a substantial one presents itself. "That's typically how the cravings go, toward these super-pleasant tastes and textures we've evolved to prefer," says Berridge. "It makes sense, in the environment we evolved in, to eat when you can."

47. Which of the following can be concluded from the passage?

- A) The type of food desired depends on the physiology of the brain.
- B) Several parts of the brain work together to prevent food craving.
- C) Food craving is not merely a psychological phenomenon.
- D) The increase in dopamine levels in the brain is linked with food craving.
- E) Food craving and shopping have no shared characteristics.

48. Which of the following is true about the research mentioned in the passage?

- A) It fails to account for the consumption of food high in calories by our ancestors.
- B) It arouses controversy regarding food cravings among the scientists in the field.
- C) It proves that people crave for healthy foods as well as unhealthy ones.
- D) It establishes an association between the sudden urge to eat and our evolutionary roots.
- E) It provides a comprehensive description of how parts of brain change in response to cravings.

49. It is understood from the passage that ----.

- A) pleasant tastes rather than textures shape our preferences for food
- B) it might be dangerous to follow a diet high in calories
- C) human beings have evolved to take every opportunity to feed themselves
- D) the way we think about food affects our brain structure significantly
- E) our ancestors preferred mouth pleasure over healthy foods

50. Which of the following would be the best title of the passage?

- A) Cravings and Survival: An Evolutionary Link
- B) Reward mechanism: How It Works
- C) Pleasure over Health: Bad Choice?
- D) Ancestral Eating Habits
- E) Why Our Ancestors Fed on Calories?

51-54: Answer these questions according to the passage below.

Earth is changing faster than anyone can comprehend with more forests burning, more glaciers melting and more evidence of the world's ancient cultures slipping away because of the effects of human-caused climate change. The quicker Earth changes, the less time there is to learn from its past and understand its mysteries. The climate crisis threatens to destroy our cultural and ecological heritage within decades. Thus, researchers proposed a way to preserve a record of our planet in its present state: use lasers to create a high-resolution, 3D map of the entire world. It is now the mission of a new non-profit project called The Earth Archive. It uses light detection and ranging, or LIDAR — a method of remote scanning that uses aircraft to shower a landscape with a dense net of laser beams. From this bombardment of light, researchers can create high-resolution, 3D maps of a given area and then digitally edit out foliage and other features that might be concealing hard-to-spot secrets near Earth's surface. The technique has become more prominent in archaeological surveys in the past decade, helping researchers uncover lost cities in heavily forested parts of Africa and South America, buried roads in ancient Rome and previously undiscovered cityscapes in Cambodia. In 2007, researchers used LIDAR to uncover traces of a lost metropolis in the Honduran rainforest. These scans revealed more details about the city's ruins in 10 minutes than researchers could have found in 10 years of research.

51. Why do scientists want to map the entire world using LIDAR?

- A) To warn future generations and help them learn from the mistakes made by former generations.
- B) To restore the delicate balance in nature that has been disrupted by technological developments.
- C) To test the technology to observe environmental changes over the years and make necessary improvements to it.
- D) To provide future generations with a more detailed portrayal of past cultures and the traces they left.
- E) To preserve at least a visual representation of the world as it is as conservation efforts cannot keep up with the rate of destruction.

52. One of the distinguishing features of LIDAR is that ----.

- A) it yields results much faster than traditional methods employed to cover an area
- B) it can keep record of much larger areas than previously used technologies
- C) it functions autonomously and doesn't require any human intervention
- D) it improves the look of a given area by editing out spoiled parts
- E) it does not harm the environment and the living things in it

53. The attitude of the author towards the changes the Earth experiences currently is ----.

- A) derisive
- B) apprehensive
- C) disappointed
- D) optimistic
- E) favouring

54. The passage is mainly about ----.

- A) the advantages of utilizing LIDAR technology in keeping the nature intact
- B) why details matter when it comes to determining what is to be preserved
- C) the efforts to keep the world heritage in the face of rapid deterioration with the help of technology
- D) difficulties scientists have while looking for hidden treasures in isolated regions of the world
- E) how technology transforms the way research is conducted

55-58: Answer these questions according to the passage below.

Leonardo da Vinci was truly a Renaissance man, impressing both his contemporaries and modern observers with his intricate designs spanning many disciplines. However, although he is best known for iconic works such as "Mona Lisa" and "Last Supper," in the early 16th century, da Vinci designed a lesser-known structure: a bridge for the Ottoman Empire that would have been the longest bridge of its time. Had it been built, the bridge would have been incredibly robust, according to a new study. In 1502, Sultan Bayezid II requested proposals for the design of a bridge that would connect Constantinople to the neighbouring area known as Galata. Da Vinci was among those who sent a letter to the sultan describing a bridge idea. However, though da Vinci did not get the job, now, a group of researchers at MIT has analysed da Vinci's design and tested how sturdy his bridge would have been if it were built. The group built a copy of the bridge, after taking into consideration the materials and equipment available 500 years ago and the geological conditions of the Bosphorus Sea over which the bridge would have been built. They concluded that such a bridge would have stood on its own without any paste or material to hold the stone together just by compression once the keystone was placed at the top.

55. Which of the following can be concluded from the passage?

- A) Da Vinci's genius lay not only in painting, though it is his paintings that earned him fame.
- B) Impressed by his other works, Sultan Bayezid II commissioned Da Vinci to design a bridge.
- C) Da Vinci's dream was realized by engineers from MIT centuries later.
- D) The bridge Da Vinci designed was impossible to materialize due to lack of equipment in his time.
- E) Da Vinci is just as well-known for his paintings as he is for his bridge designs.

56. It is clear from the passage that researchers from MIT tried to ----.

- A) put the materials used during the Renaissance to the test of time
- B) determine why da Vinci's design was rejected by the Ottomans
- C) understand the role played by the keystone in engineering in the past
- D) adhere to the original design by da Vinci to construct a reliable test
- E) recreate the geological conditions of the area to examine their role

57. The underlined word in the passage "sturdy" is closest in meaning to ----.

- A) meticulous
- B) durable
- C) expensive
- D) time-consuming
- E) lengthy

58. One finding of the research conducted was that ----.

- A) it was the keystone placed at the top that distinguished da Vinci as a bridge designer from his contemporaries
- B) Ottoman Sultan's rejection of his design did not discourage Da Vinci from continuing to perfect his design
- C) da Vinci's design ensured that no further materials were needed to allow the bridge to stand on its own
- D) da Vinci was held in high regard by both Europeans and other nations of the time
- E) several other artists copied Da Vinci's design principles and incorporated them in their own work

59-62: Answer these questions according to the passage below.

There is a lost continent hidden below southern Europe. And researchers have created the most detailed reconstruction of it yet. The lost continent "Greater Adria" emerged about 240 million years ago, after it broke off from Gondwana, a southern supercontinent made up of Africa, Antarctica, South America, Australia and other major landmasses. Greater Adria was large, extending from what is now the Alps all the way to Iran, but not all of it was above the water. That means it was likely a string of islands or archipelagos. Earth is covered in large tectonic plates that move relative to each other. Greater Adria belonged to the African tectonic plate (but was not a part of the African continent, since there was an ocean between them), which was slowly sliding beneath the Eurasian tectonic plate, in what is now southern Europe. Around 100 million to 120 million years ago, Greater Adria smashed into Europe and began diving beneath it, but some of the rocks were too light and so did not sink into Earth's mantle. Instead, they were "scraped off" — in a way that is similar to what happens when a person puts their arm under a table and then slowly moves it underneath: The sleeve gets crumpled up. This crumpling formed mountain chains such as the Alps. It also kept these ancient rocks locked in place, where geologists could find them.

59. Which of the following is true according to the text?

- A) Europe was submerged under another continent due to tectonic movements.
- B) Gondwana was the oldest of the supercontinents known to science.
- C) Africa, Antarctica, South America, Australia used to be merged and together formed one giant continent.
- D) Supercontinents thrived with diverse life as they kept species in contact allowing them to multiply.
- E) Greater Adria was unique in that it was below the sea level.

60. It is clearly stated in the passage that when Greater Adria crashed into Europe, it ----.

- A) caused much devastation and loss of habitats in a series of events
- B) created some mysterious land forms still unexplained by science today
- C) disappeared below Europe without leaving anything behind to be discovered by geologists
- D) gave rise to some of the prominent geographical features known today
- E) changed everything from climate to the fauna and flora of Europe

61. It can be understood from the passage that ----.

- A) the lost continent did not undergo any substantial change except for gradual slide for a long while
- B) tectonic plates are now constant without moving away or getting closer to one another
- C) Greater Adria smashed into Europe about three hundred years ago
- D) plant and animal species may go extinct when continents break apart
- E) scientists made use of a formerly constructed model of continental drift

62. What is the primary purpose of the author?

- A) To explain the role of plate tectonics in the formation of mountain chains
- B) To account for the relationship between several continents
- C) To exemplify how one continent may give birth to another in time
- D) To shed light on the disappearance of a continent due to natural processes
- E) To trace the origin of Greater Adria and compare it that of Africa