

54. - 59. sorularda paragrafta verilen boşluğa anlam bütünlüğünü sağlamak için getirilebilecek cümleyi bulunuz.

54. Long-duration space travel can take a heavy toll on your mental well being. ---- Crews also have to be carefully selected to make sure that every member is easy-going- there is the constant threat of something going wrong, and you cannot risk astronauts irritating each other too much. It is not like you can diffuse an argument by avoiding each other or stepping outside for some air! You have to spend months on end with the same people, isolated from all your loved ones at home.

- A) ISS astronauts often report problems with insomnia and loss of appetite, and it can be hard to find any privacy in the confines of the craft.
- B) A generation ship is the concept of a self-sustaining space colony where several generations of space travellers would live over the century.
- C) However, it is a big problem for long term space travellers as the human body cannot deal with microgravity for long periods.
- D) Any future venture into deep-space travel relies heavily on our advancement of propulsion systems.
- E) Payloads are vital for any lunar exploration mission; astronauts can use instruments to carefully examine the Moon's surface or even dig deeper.

55. Female giraffes have long pregnancies lasting more than 14 months. ---- So, long gestation is a common strategy among vulnerable grazing animals, and giraffe calves in particular need to be big and strong. Their mothers give birth standing up, so newborns start life with a 2 m drop to the ground, and must be able to get to their feet to reach their mother's teats and suckle. A youngster feeds every hour for the first week, and is kept apart from other giraffes during this time.

- A) This ensures their babies are well developed - at birth they are nearly 2 m tall and weigh 100 kg.
- B) Female giraffes can fiercely defend their young particularly in areas where lions are plentiful.
- C) Though young giraffes can run fast in the wild, their best defence is to grow to become an adult.
- D) Then they usually join a group of giraffes that is overseen carefully by some of the mothers.
- E) They double their height within 12 months after birth and predators think twice before attacking.

56. Despite the harsh environment, there is contention about the ownership of the North Pole as there could be rich natural resources beneath the ice. To ensure its presence in the Arctic, the Canadian government has started working on drones capable of surviving the conditions. However, for drones to successfully navigate in the region, there needs to be a 'crown' of satellites in the right positions to establish locational data. ---- At temperatures of around -40°C, the reactions that batteries rely on slow to snail's pace. The work of the Canadian government is still in its infancy but it currently looks like drones will act as assistants to manned missions.

- A) It is quite obvious that normal drones would likely suffer the same fate.
- B) But it is not just chilly temperatures that stop flight- fog is a barrier too.
- C) Larger planes and helicopters can survive this as they can carry a de-icing kit.
- D) Yet, they find the fastest way around a landmass, saving time and resources.
- E) Once navigation is solved, the drone then has to survive the cold.

57. Plans for the world's third-largest offshore wind-power scheme in Scotland's Moray Firth could ultimately benefit the region's bottlenose dolphins, according to a leading expert. ---- But Dr Paul Thompson of the University of Aberdeen said that the impacts had been carefully considered. He explained: "For dolphins, the scheme's Environmental Impact Assessment is probably the most detailed ever carried out in UK waters."

- A) However, there are some concerns about the effect of building 326 wind turbines, mainly as a result of the disturbance caused during construction.
- B) The researchers who have been involved in the project have been able to convince the local residents to approve of the construction site.
- C) In addition, there has been work with meticulous attention to detail in the area, and certain implications of the project can be foreseen.
- D) Moreover, the marine ecosystem of the region recovers itself in a short period of time.
- E) While some experts agree that the dolphin population around the world is decreasing due to certain factors, some others think that there is still hope.

58. Plants and animals live where they can satisfy their needs. ---- Goldfish and pond plants, for instance, must have fresh water, so they cannot live if taken into the ocean. On the other hand, the barnacles that cling to a ship live in salt water. They will die if the ship passes from the ocean into a fresh water harbour. In some cases, however, creatures can adapt themselves to a changing habitat, if the change is slow, and not too great.

- A) Various animals and plants can be kept alive in aquariums, zoos, or botanical gardens.
- B) Every habitat, thus, limits the kinds of things which live there, and their numbers.
- C) Some waters are too dirty to be the host of certain species.
- D) Changes to their habitat due to environmental problems cause many species to suffer.
- E) All plants and animals depend for their existence on the heat received from the Sun.

59. Algae differ from plants in several ways. They do not have stems or leaves, and their roots are different from plant roots. Algae also do not produce flowers or seeds, as plants do. ---- This process also releases oxygen into the air in addition to making oxygen, algae are important for other reasons. Water animals such as whales, seals, fish, octopuses, and starfish depend on algae for food. People also eat some types of algae. In many parts of the world farmers use seaweeds as fertiliser.

- A) Algae are living things that can be green, blue, red, or brown and they vary greatly in size.
- B) Some algae look like plants, however, algae are actually neither plants nor animals.
- C) Algae make much of Earth's oxygen, which humans and other animals need to breathe.
- D) Instead, algae, having a huge number of different species, belong to a group of living things called protists.
- E) Like plants, however, algae make their own food through a process called photosynthesis.

60. - 65. sorularda verilen cümleler sırasıyla okunduğunda anlam bütünlüğünü bozan cümleyi bulunuz.

60. (I) Contrary to what you may think, the fact that it is cold will not, in itself, cause you to become sick. (II) The reason why colds become more prevalent in winter is that people tend to stay indoors more. (III) Recent studies have shown that a good night's sleep helps to reduce the chances of getting a cold by 66 per cent. (IV) Thus, they come into contact more frequently with other people, some of whom may be carrying viruses or illness-causing bacteria. (V) Also, indoor heating systems run constantly and the environment inside homes and buildings may not be all that healthy.

A) I B) II C) III D) IV E) V

61. (I) The composting of organic materials for reuse in gardening and in agriculture can help alleviate the problem of using land to dispose of waste material. (II) Plant and food substances are biodegradable, which means they are capable of decomposing through the agency of bacteria, fungi, and other living organisms. (III) However, some communities require individual households to separate glass, plastic, and paper in order to make recycle process more efficient. (IV) Temperature and sunlight play a role in the decomposition of biodegradable substances as well. (V) When substances are not biodegradable, however, they may remain in the environment and may be capable of polluting the soil and water of an area, particularly if they are toxic.

A) I B) II C) III D) IV E) V

62. (I) For centuries irises, a generic species of flower, have been used in Europe and North America for medicinal purposes. (II) One such iris, Iris versicolor, produces iridin, or irisin, an odourless, bitter-tasting compound. (III) Medicinally, it is known as blue flag in the United States. (IV) The petals are translucent enough to allow light to shine through, their three-dimensional and brilliantly coloured form. (V) At one time, it was used in a cure for syphilis, infections of the skin, and dropsy (oedema), and today it is still an official drug used to purge the liver.

A) I B) II C) III D) IV E) V

63. (I) Our brains have obviously evolved to work in Earth's gravity. (II) Americans have successfully flown beyond the bounds of gravity more than fifty times.

(III) Experiments on the International Space Station suggest that our brains have an internal model of how gravity works that we use to accurately predict where a ball will be when we move to catch it. (IV) However, in a weightless environment, the ball moves at a constant speed, instead of a constant acceleration, and so our reactions are slightly off. (V) Gravity also affects the flow of blood through the brain, producing patterns that resemble epileptic seizures.

A) I B) II C) III D) IV E) V

64. (I) The giant anteater has an incredible 60 cm long tongue. (II) It has tiny backward-pointing spines, is covered with sticky saliva, and can be flicked in and out about 150 times a minute. (III) This makes the tongue ideal for scooping up ants and termites from their broken nests. (IV) They have long, probing snouts, small ears and eyes, black-and-white shoulder strips and bushy tails. (V) Giant anteaters, thus, can eat more than 30,000 insects, plus their eggs and larvae, each day.

A) I B) II C) III D) IV E) V

65. (I) Cognitive behavioural therapy (CBT) is a kind of psychotherapy, incorporating a wide range of techniques, and is capable of addressing a range of psychological problems. (II) There have been a variety of clinical applications of this therapy since its initial development in the 1970s. (III) Among these psychological problems are anxiety, depression and psychosis. (IV) A central assumption of CBT is that a person's emotional and behavioural reactions to adverse circumstances are determined by their cognitive representation of the circumstances, and their appraisal of them. (V) The main aim of this therapy is therefore to change the way in which the individual represents the circumstance and their appraisals.

A) I B) II C) III D) IV E) V

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61. C	62. D	63. B	64. D	65. B					