

1. **Studies show that the balance of bacteria in the gut microbiome may affect your emotions and the way your brain ---- information from your senses, like sights, sounds, flavours, or textures.**
 A) defines
 B) disseminates
 C) processes
 D) cultivates
 E) externalises
2. **For people who already have a genetic ---- toward asthma, the combination of family history and poor sleep habits increase the risk of developing the disorder more than two-fold.**
 A) prejudice
 B) predisposition
 C) allowance
 D) burden
 E) deadline
3. **Some people with sensory processing disorder are oversensitive to things in their environment; for instance, common sounds may be ---- for them.**
 A) accountable
 B) vital
 C) cognitive
 D) overwhelming
 E) engaging
4. **People need to consider other ways than non-sugar sweeteners to reduce free sugars intake, such as consuming food with ---- occurring sugars, like fruit, or unsweetened food and beverages.**
 A) casually
 B) dramatically
 C) naturally
 D) functionally
 E) vastly
5. **Eating well is becoming more and more of a science, with new research showing us which foods may lower our risk of disease, and which are pointed to as the ---- behind ill health.**
 A) disruptions
 B) complications
 C) effects
 D) remedies
 E) culprits
6. **Early menopause can ---- a higher risk of long-term health consequences that include dementia, cardiovascular disease, and decreased quality of life.**
 A) rely on
 B) make up
 C) result in
 D) deal with
 E) catch on
7. **Vibrio bacteria ---- to cause life-threatening illnesses from seafood consumption; however, a new finding shows that it can also attach itself to plastic debris caught up in the seaweed blob and ---- to people who simply touch the debris.**
 A) is known / might spread
 B) has been known / would spread
 C) was known / had to spread
 D) will be known / is supposed to spread
 E) is being known / must spread
8. **Collagen ---- throughout the body in muscles, bones, connective tissue and skin, and is something we ---- ourselves from amino acids.**
 A) was found / created
 B) will be found / have created
 C) has been found / would create
 D) is found / create
 E) is going to be found / are creating
9. **Weight loss ---- tough, and with promises of rapid transformation, it is easy to see why fad diets are so popular, because they offer an easy solution ---- a complex problem, often ---- quick results.**
 A) might be / promise
 B) can be / promising
 C) could be / promised
 D) must be / to promise
 E) will be / to be promised
10. **Whilst occasional digestive discomfort is not necessarily cause ---- concern, it is worth consulting a doctor if symptoms are persistent in order to rule ---- underlying conditions.**
 A) of / in
 B) over / on
 C) for / out
 D) from / to
 E) below / into

11. Older people have a higher chance of getting very sick ---- COVID-19 if they are unvaccinated, which ---- turn is likely to lead to severe outcomes like hospitalization or death.

- A) from / in
- B) of / by
- C) over / into
- D) by / on
- E) below / through

12. With rats often building habitats near humans, it might be best to take care near the pond or rainwater barrels ---- gardening or engaged in activities that increase the likelihood of such an encounter.

- A) whereas
- B) when
- C) though
- D) until
- E) since

13. For some people, going for a run can trigger what's known as a "runner's high", a short-lasting feeling of euphoria or relaxation, ---- for others, running can trigger something far less pleasant: a headache.

- A) besides
- B) thus
- C) though
- D) if not
- E) also

14. MRIs typically focus on one organ or area of the body and require referrals from qualified medical professionals, yet now, private companies, per your request and for a hefty price, will scan your entire body, ---- you don't have symptoms or concerns.

- A) if
- B) before
- C) unless
- D) because
- E) even if

15. Only a small number of people are able to get artificial disk surgery ---- it only works on a few disks in your lower back.

- A) because
- B) on condition that
- C) even when
- D) while
- E) given that

16. Many people think of postnatal depression as a condition that only affects women, but in reality, postnatal depression affects almost ---- many men ---- women – with some research estimating it occurs in up to 10% of fathers.

- A) neither / nor
- B) either / or
- C) as / as
- D) more / than
- E) so / that

17. Tetanus is a particularly nasty disease since the muscles go into spasm ---- the effects of the toxin from the bacteria, *Clostridium tetani*, and the suffering is almost indescribable, causing painful muscle spasms and a locked jaw.

- A) in the name of
- B) in spite of
- C) as opposed to
- D) due to
- E) as in

18. The rate and magnitude of aging may be different for each person; ----, overall physical decline is an inevitable part of life.

- A) indeed
- B) in contrast
- C) however
- D) likewise
- E) moreover

19. Exposure to PM2.5 from smoke or other air pollution, ---- vehicle emissions, can exacerbate health conditions like asthma and reduce lung function in ways that can worsen existing respiratory problems and even heart disease.

- A) in place of
- B) owing to
- C) similar to
- D) despite
- E) such as

20. Body dysmorphic disorder is a severe mental health condition which causes extreme distress and ---- a person's ability to function daily.

- A) interferes with
- B) copes with
- C) depends on
- D) allows for
- E) who

21. - 25. sorularda, boş bırakılan yerlere uygun düşen sözcük ya da ifadeyi bulunuz.

The perception of time is a psychological phenomenon, meaning external factors can modify the way we experience it. (21) ----, time may seem to fly by when we're in good company, whereas if we are somewhere we don't want to be, it may appear to slow. The COVID pandemic was a source of psychological stress globally, both (22) ---- fear of the virus, and the measures taken to contain it. A number of studies have documented (23) ---- to our perception of the passage of time during the pandemic. In a new study, researchers (24) ---- that lockdown probably made it harder for us to accurately remember the timing of big events that happened during the pandemic. Mental health measures aside, many participants in the research had difficulty recalling the timing of events coinciding (25) ---- COVID lockdowns.

21.

- A) Thus
- B) Nonetheless
- C) For example
- D) On the contrary
- E) Meanwhile

22.

- A) for all
- B) as opposed to
- C) on behalf of
- D) due to
- E) for the sake of

23.

- A) perceptions
- A) distortions
- C) capabilities
- D) discriminations
- E) lucidities

24.

- A) have found
- B) had found
- C) find
- D) will find
- E) were finding

25.

- A) to
- B) for
- C) of
- D) with
- E) over

26. - 30. sorularda, boş bırakılan yerlere uygun düşen sözcük ya da ifadeyi bulunuz.

In 2020, 19 million people around the world received a cancer diagnosis **(26)** ---- that number is expected to reach 28 million by 2040. Poorer countries will be especially hard hit, with an increasing number of cases and more deaths, compared with richer countries. Cancer research is vital to helping ease this global burden, **(27)** ---- where and how research money is spent doesn't always match with where and how help is needed. To get a clearer picture of where cancer research funding **(28)** ----, a group of researchers collected and compiled data covering public and charitable cancer research investments, globally, between 2016 and 2020, inclusive. This amounted to US\$24.5 billion of investment across 66,388 research grants. **(29)** ---- country, the US provided 57.3% of the total cancer research funding awarded, with the US National Institute of Health being by far the biggest funder. Most of the world's biggest funders are **(30)** ---- about their funding decisions, providing data on their grants. This allows for scrutiny around their portfolios and allows those who set funding priorities to better understand how to allocate limited resources for health research.

26.

- A) when
- B) though
- C) since
- D) in case
- E) unless

27.

- A) and
- B) for
- C) but
- D) so
- E) nor

28.

- A) would be spent
- B) had been spent
- C) was spent
- D) is being spent
- E) is spent

29.

- A) By
- B) In
- C) For
- D) Below
- E) Across

30.

- A) hesitant
- B) cultivated
- C) transparent
- D) uninhibited
- E) delirious

31. - 41. sorularda verilen cümleyi tamamlayabilecek seçeneği bulunuz.

31. Since many countries are still affected by high levels of arsenic, ----.

- A) arsenic is a naturally occurring element found in the Earth's crust
- B) arsenic exposure is a global public health issue that requires urgent action
- C) exposure to arsenic is associated with various negative health effects, including cancer
- D) your body can absorb arsenic through several routes, such as inhalation and skin contact
- E) high levels of arsenic can also be found in food and drink products, particularly rice

32. ----, the use of social media also contributes to social comparisons, unrealistic expectations and negative mental health effects.

- A) Though research has shown that social media can be beneficial for finding community support
- B) Since about 95% of children and adolescents in the U.S. are using social media almost constantly
- C) Whereas experts have long suspected that social media may be playing a role in the growing mental health crisis in young people
- D) When media influences and conventional beauty standards have long plagued society
- E) As the mental health of adolescents and teens has been declining for the past decade

33. Despite barriers to accessing weight-loss surgery, including low referral rates, limited access, and poor insurance coverage, ----.

- A) adolescents and their families are hardly interested in pursuing surgery as a treatment option
- B) evidence suggests that weight-loss surgeries may not help teens with obesity lose and keep off weight
- C) eating disorder experts have raised concerns about how this might impact teens' relationship with food
- D) the number of young people undergoing the procedures has still increased in recent years
- E) weight-loss surgery is losing its popularity among US teens

34. Cigarettes were introduced to the U.S. in the early 19th century, ----.

- A) but many people in Europe have been able to kick the habit
- B) so e-cigarettes or vape pens were introduced in the early 2000s as an alternative to tobacco products
- C) but they were first linked to lung cancer and other diseases in the 1940s and 1950s
- D) yet experts agree that all else being equal, it is better to vape than to smoke traditional cigarettes
- E) otherwise the addictive properties of nicotine would have been obvious

35. Given that bad breath, also called halitosis, can be embarrassing and in some cases may even cause anxiety, ----.

- A) certain foods, health conditions and habits are among the causes of bad breath and its severity depends on individual genes
- B) it can be easily improved with consistent proper dental hygiene in many cases without seeing a professional
- C) bad breath odours vary, depending on the source or the underlying cause, from mild odour to rancid foul mouth
- D) it is no wonder that store shelves are overflowing with gum, mints, mouthwashes and other products designed to fight bad breath
- E) even reviewing your oral hygiene habits and making lifestyle changes, such as brushing your teeth and tongue after eating might not help

36. People with lactose intolerance are unable to fully digest the sugar (lactose) in milk, ----.

- A) so they have diarrhoea, gas and bloating after eating or drinking dairy products
- B) but too little of an enzyme produced in your small intestine is responsible for lactose intolerance
- C) for most people with the condition can manage it without having to give up all dairy foods
- D) yet its signs and symptoms begin from 30 minutes to two hours after eating or drinking foods that contain lactose
- E) and you can have low levels of lactase and still be able to digest milk products

37. While narcolepsy is a life-long condition for which there is no cure, ----.

- A) it is a sleep disorder that makes people very drowsy during the day
- B) people with narcolepsy find it hard to stay awake for long periods of time
- C) sometimes it also causes a sudden loss of muscle tone, known as cataplexy
- D) most people who don't have cataplexy have type 2 narcolepsy
- E) medicines and lifestyle changes can help manage the symptoms

38. If your Achilles tendon, which is a strong fibrous cord that connects the muscles in the back of your calf to your heel bone, ruptures, ----.

- A) it mainly occurs in people playing recreational sports, such as those middle-aged men playing football in the middle of the night
- B) you might hear a pop, followed by an immediate sharp pain in the back of your ankle and lower leg that is likely to affect your ability to walk properly
- C) it is possible to have no signs or symptoms with an Achilles tendon rupture
- D) Achilles injuries can occur in several places, but the most common area is at the muscle-tendon junction
- E) chronic, long-lasting Achilles tendon disorders range from overuse injuries that cause inflammation to acute traumas

39. ----, chimeric antigen receptor T-cell therapy may be an option as the last resort.

- A) Though advances in diagnosis of diffuse large B-cell lymphoma have helped improve the prognosis
- B) Only if white blood cells called lymphocytes grow
- C) If you or a loved one has diffuse large B-cell lymphoma that is no longer responding to treatment
- D) Since many people with chronic lymphocytic leukaemia have no symptoms at first
- E) Despite the fact that chronic lymphocytic leukaemia most commonly affects older adults

40. ----, this rapid remodelling produces bone that is less organized and weaker than normal bone.

- A) Although most people who have Paget's disease of bone have no symptoms
- B) When Paget's disease of the bone affects only one or two areas of your body or might be widespread
- C) Even if enlarged bones in your legs can put extra stress on nearby joints due to Paget's disease of the bone
- D) Because Paget's disease of the bone causes your body to generate new bone faster than normal
- E) While some scientists believe Paget's disease of the bone is related to a viral infection in your bone cells

41. ----, others may repeatedly twitch their arms or legs, movements known as convulsions or spasms.

- A) While some people with epilepsy may lose awareness during a seizure
- B) As epilepsy affects people of all genders, races, ethnic backgrounds and ages
- C) Though having a single seizure doesn't mean you have epilepsy
- D) Since some children with epilepsy may outgrow the condition with age
- E) Because epilepsy is caused by certain activity in the brain

42. - 47. sorularda, verilen İngilizce cümleye anlamca en yakın Türkçe cümleyi bulunuz.

42. While symptoms vary from person to person, exertion headaches typically involve a pulsating feeling on both sides of the head, which some describe as similar to a migraine.

- A) Belirtiler kişiden kişiye değişir, ancak zorlama kaynaklı baş ağrıları genellikle başın her iki tarafında nabız atma gibi bir hissi içerir, ki bu bazılarınca migrene benzer şekilde tarif edilir.
- B) Belirtiler kişiden kişiye değişmesine rağmen zorlama kaynaklı baş ağrıları, genellikle başın her iki tarafında nabız atmasına benzer bir hissi içerir ve bazılarınca göre bu migrene benzer.
- C) Belirtiler kişiden kişiye değişse de zorlama kaynaklı baş ağrıları, genellikle başın her iki tarafında nabız atmasına benzer bir hissi içerir ve bazıları bunu migrene benzer şekilde tarif eder.
- D) Belirtilerin kişiden kişiye değiştiği zorlama kaynaklı baş ağrıları, genellikle başın her iki tarafında nabız atmasına benzer bir hissi içerir ve bazıları bunu migrenmiş gibi hisseder.
- E) Belirtiler kişiden kişiye değişmekle birlikte zorlama kaynaklı baş ağrıları, genellikle başın her iki tarafında nabız atmasına benzer bir hissi içerir ve bunu migrene benzer şekilde tarif eden bazıları vardır.

43. An antioxidant called beta-carotene gives peaches their pretty golden-orange colour, and when you eat it, your body turns it into vitamin A, which is key for healthy vision.

- A) Beta-karoten adlı bir antioksidan, şeftalilere güzel altın turuncu rengini verir ve onu yediğinizde vücudunuz onu sağlıklı görüş için önemli olan A vitaminine dönüştürür.
- B) Şeftalilere güzel altın turuncu rengini veren bir antioksidan olan beta-karoten, onu yediğinizde vücudunuzda A vitamini haline dönüşür ve sağlıklı görüş için önemlidir.
- C) Beta-karoten adlı bir antioksidan şeftalilere güzel altın turuncu rengini verir ve yenildiğinde vücudunuz onu A vitamini haline dönüştürür, ki bu da sağlıklı bir görüş için önemlidir.
- D) Şeftaliler, güzel altın turuncu rengini beta-karoten adlı bir antioksidandan alır ve yenildiğinde vücudunuz onu sağlıklı görüş için önemli olan A vitaminine dönüştürür.
- E) Şeftalilerin güzel altın turuncu rengini aldığı antioksidan beta-karotendir ve biz şeftali yediğimizde vücudumuz onu sağlıklı görüş için önemli olan A vitaminine dönüştürür.

44. Scientists are excited about curcumin's potential to ease depression and help antidepressants work better, but so far, research results have been mixed.

- A) Bilim insanlarının heyecanlı olduğu konu, kurkuminin depresyonu hafifletme ve anti-depresanların daha etkili çalışmasına yardımcı olma potansiyelidir ancak şu ana kadar araştırma sonuçları kafa karıştırıcı olmuştur.
- B) Kurkuminin depresyonu hafifletme potansiyeli ve anti-depresanların daha iyi çalışmasına yardımcı olma özelliği, bilim insanlarını heyecanlandırıyor ancak şu ana kadar araştırma sonuçları kafa karıştırıcı olmuştur.
- C) Kurkumin, depresyonu hafifletme ve anti-depresanların daha iyi çalışmasına yardımcı olma potansiyeline sahiptir ve bu bilim insanlarını heyecanlandırır; ancak şu ana kadar araştırma sonuçları karışık gelmiştir.
- D) Kurkuminin bilim insanlarını heyecanlandıran özelliği, depresyonu hafifletme ve anti-depresanların daha iyi çalışmasına yardımcı olma potansiyelidir fakat şu ana kadar ki sonuçlar biraz karmaşık olmuştur.
- E) Bilim insanları, kurkuminin depresyonu hafifletme ve anti-depresanların daha etkili çalışmasına yardımcı olma potansiyeli konusunda heyecanlıdır ancak şu ana kadar araştırma sonuçları karışık olmuştur.

45. Food allergies, which activate the immune system, occur in 8% of children and can appear suddenly, with symptoms ranging from diarrhea, vomiting, rash, or stomach pain to breathing problems.

- A) Çocukların %8'i, bağışıklık sistemini etkinleştiren ve ani olarak ortaya çıkabilen gıda alerjilerinden mustarıptir ve bu alerjilerin semptomları ishal, kusma, döküntü, karın ağrısı ve solunum problemleri gibi çeşitlilik gösterebilir.
- B) Bağışıklık sistemini etkinleştiren gıda alerjileri, çocukların %8'inde görülür ve ishal, kusma, döküntü veya karın ağrısı gibi belirtilerden solunum problemlerine kadar değişebilen semptomlarla aniden ortaya çıkabilir.
- C) Gıda alerjileri, bağışıklık sistemini etkinleştirdikleri çocukların %8'inde görülür ve ishal, kusma, döküntü veya karın ağrısı gibi belirtilerden solunum problemlerine kadar değişebilen semptomlarla aniden ortaya çıkabilir.
- D) Gıda alerjileri, çocukların %8'inde görülür ve onların bağışıklık sistemini etkinleştirdikleri gibi ishal, kusma, döküntü veya karın ağrısı gibi belirtilerden solunum problemlerine kadar değişebilen semptomlarla aniden ortaya çıkabilir.
- E) Gıda alerjilerinin çocukların %8'inde görülmesinin sebebi, onların bağışıklık sistemlerini harekete geçirip ishal, kusma, döküntü veya karın ağrısı gibi belirtilerden solunum problemlerine kadar değişebilen semptomlarla aniden ortaya çıkmasıdır.

46. Pinpointing specific genes associated with human height is a challenging task, as height is a complex trait that is influenced by both genetic and environmental factors.

- A) Boy, hem genetik hem de çevresel faktörlerden etkilenen karmaşık bir özelliktir, bu nedenle insan boyu ile ilişkili belirli genleri belirlemek zorlu bir görevdir.
- B) İnsan boyu ile ilişkili belli başlı genleri belirlemenin zorlu bir görev olmasının nedeni, boyun hem genetik hem de çevresel faktörlerden etkilenen karmaşık bir özelliğe sahip olmasıdır.
- C) Boy, hem genetik hem de çevresel faktörler tarafından etkilenen karmaşık bir özellik olduğu için insan boyu ile ilişkili belli başlı genleri belirlemek zorlu bir görevdir.
- D) Boy sadece genetik değil aynı zamanda dış faktörler tarafından etkilenen karmaşık bir özellik olmasaydı insan boyu ile ilişkili belirli genleri belirlemek çok zor olmazdı.
- E) Boy, sadece genetik değil aynı zamanda çevresel faktörler tarafından etkilenen karmaşık bir özellik olduğundan insan boyu ile ilişkili belli başlı genleri belirlemek zorlu bir görevdir.

47. Opportunities for creative expression through arts in medicine programs are increasing in U.S. hospitals, and it may be because art-making offers something that medicine can't.

- A) Sanat, tıbbın sunamadığı bir şeyi sunduğu için tıp programlarındaki sanat aracılığıyla yaratıcı ifade fırsatları ABD hastanelerinde git gide artmaktadır.
- B) Tıp programlarındaki sanat aracılığıyla yaratıcı ifade fırsatları ABD hastanelerinde artmaktadır ve bunun sebebi, sanatın tıbbın sunamadığı bir şeyi sunması olabilir.
- C) Tıp programlarındaki sanat aracılığıyla yaratıcı ifade fırsatlarını ABD hastanelerinde artıran şey, sanatın tıbbın sunamadığı bir şeyi uzun süredir sunuyor olması olabilir.
- D) Tıp programlarındaki sanat aracılığıyla yaratıcı ifade fırsatları ABD hastanelerinde artmaktadır ve bu, sanatın tıbbın sunamadığı bir şeyi sunması yüzünden olabilir.
- E) Sanat, tıbbın sunamadığı bir şeyi sunabilir, bu yüzden tıp programlarındaki sanat yoluyla yaratıcı ifade fırsatları ABD hastanelerinde artmaktadır.

48. - 53. sorularda, verilen Türkçe cümleye anlamca en yakın İngilizce cümleyi bulunuz.

48. Crohn hastalığı sindirim sisteminin herhangi bir bölgesinde iltihaplanmaya neden olup genellikle ince bağırsağı ve kalın bağırsağın başlangıcını etkiler.

- A) Crohn's disease leads to inflammation in the digestive tract, with the small intestine and the initial portion of the large intestine being affected.
- B) In Crohn's disease, inflammation can occur in different segments of the digestive tract, often affecting the small intestine and the initial segment of the large intestine.
- C) What Crohn's disease does is to cause inflammation in any part of the digestive tract, typically affecting the small intestine and the beginning of the large intestine.
- D) Inflammation occurs in any part of the digestive tract in Crohn's disease, and this typically affects the small intestine and the large intestine.
- E) Crohn's disease causes inflammation in any part of the digestive tract, typically affecting the small intestine and the beginning of the large intestine.

49. Bir kişinin kronik ağrı geliştirme riski, ABD'deki diyabet, depresyon veya yüksek tansiyon gibi en yaygın hastalıklardan bazılarını geliştirme riskinden daha yüksektir.

- A) A person's risk of developing chronic pain is higher than the risk of developing some of the most common diseases in the U.S. such as diabetes, depression, or high blood pressure.
- B) The risk of developing chronic pain is greater for some individuals than the risk of developing some of the most prevalent diseases in the U.S., such as diabetes, depression, or high blood pressure.
- C) The likelihood of experiencing chronic pain is greater for an individual compared to the likelihood of developing some of the most prevalent diseases in the U.S., such as diabetes, depression, or high blood pressure.
- D) A person is more likely to develop chronic pain than they can develop some of the most common diseases in the U.S. such as diabetes, depression, or high blood pressure.
- E) When it comes to the risk of developing chronic pain, individuals are more likely to experience it than they are to develop some of the most common diseases in the U.S., such as diabetes, depression, or high blood pressure.

50. Belirtiler kişiden kişiye değiştiği ve diğer hastalıklardan kaynaklanan belirtilere benzer olabileceği için Sjögren sendromunu teşhis etmesi zor olabilir.

- A) Diagnosing Sjogren's syndrome can be challenging due to the variation of signs and symptoms among individuals, which can resemble those caused by other diseases.
- B) Sjogren's syndrome can be difficult to diagnose because the symptoms vary from person to person and can be similar to those caused by other diseases.
- C) It is difficult to diagnose Sjogren's syndrome due to the fact that the symptoms vary from person to person and can be similar to those caused by other diseases.
- D) The diagnosis of Sjogren's syndrome can pose challenges due to the variability of signs and symptoms among individuals, often resembling those caused by other diseases.
- E) Due to the variability of signs and symptoms among individuals, the diagnosis of Sjogren's syndrome can be challenging as it often mimics symptoms caused by other diseases.

51. Bağırsak kanseri olan birçok insan, hastalığın erken evrelerinde hiçbir belirti yaşamaz ancak belirtiler ortaya çıktığında kanserin boyutuna ve kalın bağırsaktaki konumuna bağlı olarak muhtemelen farklılık gösterecektir.

- A) In the early stages of colon cancer, many individuals may not exhibit any symptoms; however, when symptoms appear, they are likely to differ depending on the size and location of the cancer within the large intestine.
- B) It is normal for many people with colon cancer to experience no symptoms in the early stages, yet when symptoms manifest themselves, they will probably vary depending on the cancer's size and location in the large intestine.
- C) While in the early stages of colon cancer, it is common for many individuals to have no symptoms; even so, when symptoms do arise, they are likely to vary depending on the size and location of the cancer within the large intestine.
- D) Many people with colon cancer experience no symptoms in the early stages of the disease, but when symptoms appear, they will likely vary depending on the cancer's size and location in the large intestine.
- E) During the early stages of colon cancer, a significant number of individuals do not exhibit any symptoms, but when symptoms arise, they are likely to differ depending on the size and location of the cancer within the large intestine.

52. **Havada çok fazla karbon monoksit olduğunda vücut, oksijeni kırmızı kan hücrelerindeki karbon monoksit ile değiştirir ve bu ciddi doku hasarına veya hatta ölüme yol açabilir.**

- A) Excessive presence of carbon monoxide in the air results in the replacement of oxygen in red blood cells with carbon monoxide by the body, potentially causing severe tissue damage or even death.
- B) In presence of excessive amount of carbon monoxide in the air, the body replaces the oxygen in red blood cells with carbon monoxide, which can potentially lead to significant tissue damage or even loss of life.
- C) If the air contains too much carbon monoxide, the oxygen in the red blood cells is replaced by the body with carbon monoxide, and this can lead to serious tissue damage, or even death.
- D) The body will replace the oxygen in the red blood cells with carbon monoxide when there is too much carbon monoxide in the air, which means serious tissue damage, or even death may occur.
- E) When too much carbon monoxide is in the air, the body replaces the oxygen in the red blood cells with carbon monoxide, which can lead to serious tissue damage, or even death.

53.

Küçük burun polipleri belirtiyeye neden olmayabilirken, daha büyük burun polipleri burun geçitlerinizi tıkayabilir veya solunum problemlerine, koku kaybına ve sık sık enfeksiyonlara yol açabilir.

- A) Small nasal polyps may not cause symptoms, but larger nasal polyps can block your nasal passages or lead to breathing problems, a lost sense of smell and frequent infections.
- B) Even if small nasal polyps will never produce symptoms, larger nasal polyps can obstruct the nasal passages, resulting in breathing difficulties, loss of smell, and frequent infections.
- B) While small nasal polyps may not cause symptoms, larger nasal polyps can block your nasal passages or lead to breathing problems, a lost sense of smell and frequent infections.
- D) That small nasal polyps may not cause symptoms doesn't mean that larger nasal polyps won't block your nasal passages or lead to breathing problems, a lost sense of smell and frequent infections.
- E) It is known that small nasal polyps may not cause symptoms, yet larger nasal polyps will block your nasal passages or lead to breathing problems, a lost sense of smell and frequent infections.

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

60. (I) Many aspects of space exploration are detrimental to human health. (II) One of the biggest obstacles to long-term spaceflight is microgravity, the state of near-complete weightlessness in which astronauts float and can push heavy objects through the air with ease. (III) Our species evolved to thrive on the Earth, within its protective atmosphere and gravitational pull, not to survive in the unique cosmic environments beyond our planet. (IV) Another concern is cosmic radiation, or high-energy particles that zoom through space at nearly the speed of light. (V) Not to mention the many risks that can stem from living in prolonged isolation and in the tight confines of a spacecraft.
- A) I B) II C) III D) IV E) V

61. (I) Narcissistic personality disorder is a mental health condition in which people have an unreasonably high sense of their own importance. (II) If you recognize aspects of your personality that are common to narcissistic personality disorder or you're feeling overwhelmed by sadness, consider reaching out to a trusted health care provider. (III) They need and seek too much attention and want people to admire them. (IV) People with this disorder may lack the ability to understand or care about the feelings of others. (V) But behind this mask of extreme confidence, they are not sure of their self-worth and are easily upset by the slightest criticism.
- A) I B) II C) III D) IV E) V

62. (I) While we humans generally experience the world through sight, dogs use scent to learn about the environment around them. (II) What their nose knows is crucial for finding food, mates and safe spaces. (III) Our furry friends can also use their sniffing power to learn how people are feeling; for example, they can detect the scent of fear in human sweat. (IV) Given dogs' success in detecting other infectious diseases, the potential role of dogs as "lab partners" during the pandemic was quickly explored. (V) Given this, it is perhaps not surprising that pooches' super-smelling skills can extend to monitoring human health – including, potentially, by detecting infectious diseases such as COVID.
- A) I B) II C) III D) IV E) V

63. (I) In addition to physical impairments, acquired brain injury can cause difficulties with processing information, regulating emotions and socialising. (II) Many people with brain injuries can struggle to return to work or engage in exercise and can start to feel isolated. (III) Critically, they don't always have the confidence or connections required to engage with their local communities. (IV) However, a new research has found that surfing can help people with brain injuries live more engaged and meaningful lives. (V) Connecting people to nature has previously been shown to improve wellbeing and promote an appreciation of the environment.
- A) I B) II C) III D) IV E) V

64. (I) We do know that reducing humidity in our homes can significantly protect our health, including reducing asthma symptoms and irritation. (II) The rate at which indoor air is exchanged for fresh air is now 10 times lower than it was 30 years ago. (III) This leads to increases in humidity that are harmful to our health, particularly for those with allergies and chronic conditions such as asthma. (IV) Luckily, we now have dehumidifiers, which work by removing excessive moisture from the air and ensuring relative humidity remains at a stable level. (V) It is advised that optimum level for relative humidity is between 35-50%, and at this point, dehumidifiers inhibit the growth of dust mites, a microscopic organism responsible for the majority of allergic reactions.
- A) I B) II C) III D) IV E) V

65. (I) Not only does weightlifting challenge your muscles, it also challenges your bones. (II) In fact, weightlifting is shown to have a remarkable place among resistance exercises that are shown to stimulate the formation of new bone tissue, which can increase bone density. (III) As women age, they tend to lose muscle mass and strength, which can increase the risk of falls, fractures and injury. (IV) This may be particularly beneficial to women who are postmenopausal and at risk of osteoporosis, or brittle bones. (V) Research has shown women who regularly resistance train had significant increases in bone mineral density, including in the hip and spine.
- A) I B) II C) III D) IV E) V

66. - 68. soruları aşağıdaki parçaya göre cevaplayınız.

The growth of artificial intelligence (AI) has drawn praise as well as anxiety and scepticism. But researchers from the University of Illinois Chicago and their colleagues have found that their AI app appears to be useful in treating anxiety and depression. And they hope it can soon help cut down the lengthy waiting list for treatment. In a pilot study, funded by the National Institute of Mental Health, researchers found that *Lumen*, an AI voice-based virtual coach for behavioural therapy, changed patients' brain activity and brought self-reported improvements in depression and anxiety symptoms. "This is not a replacement [for a therapist] but could be a stopgap measure," said Olusola A. Ajilore, MD, PhD, a professor of psychiatry at the University of Illinois Chicago and a co-author of the research. The app works to **deliver** help as soon as possible after people seek it. At his school, Ajilore said, the waitlist for therapy at the height of the pandemic was 8 months. Depression and anxiety have increased since the start of the pandemic, with depression increasing to about 32% among U.S. adults by 2022 and more than 40 million with anxiety disorders, according to the National Alliance on Mental Illness. In recent years, numerous AI-powered mental health programs, which combine computer science and data sets to help solve problems, have sprung up. However, one distinguishing feature of *Lumen* is the evidence linking clinical responses to brain imaging findings.

66. According to the passage, though there have been a lot of AI-powered mental health programs, ----.

- A) none of them have a positive impact on the symptoms of patients with depression
- B) all they did was to increase the number of patients with depression
- C) they cannot do what *Lumen* can – changing patients' brain activity for positive results
- D) there is still a long way to go for some of them to replace real psychiatrists
- E) the way they intervene in the patient-doctor interaction has led to a long waitlist

Bonus

1. The writer implies that ----.

- A) one had better consider both sides of the coin when it comes to the growth of artificial intelligence
- B) AI voice-based virtual coaches should be at the forefront, with their potential to be the ultimate cure for depression
- C) *Lumen* can be the pack leader as it is the only model to combine computer science and data sets
- D) none of the programs have failed to improve the field of anxiety and depression treatment
- E) the growth of artificial intelligence may have already transformed anxiety and depression treatment

67. Which of the following is true about *Lumen* according to the passage?

- A) It was designed right after the global pandemic started to increase depression and anxiety.
- B**) Its creators think it can relieve the strain on people's depression while waiting for a psychiatrist to see them.
- C) It is one of the numerous AI-powered mental health programs that claim to help with depression but do no such thing in reality.
- D) The way it works is similar to the other AI-powered mental health programs in many ways.
- E) It has been in operation successfully since 2022, when depression cases in the U.S. started to increase.

68. Which of the following best describes the purpose of the writer?

- A) To introduce a new AI-powered app that actually does something good for depression sufferers
- B) To compare and contrast *Lumen* with the other AI-powered mental health apps
- C) To discuss whether AI can be used for the good of humanity after all
- D) To criticize the National Alliance on Mental Illness for not relieving the waitlists for depression sufferers
- E) To explain in detail how promising new AI-powered mental health apps can shorten the waitlists for depression sufferers

75. - 77. soruları aşağıdaki parçaya göre cevaplayınız.

Recent developments in cancer research have brought about significant advancements in our understanding and treatment of this complex disease. Cutting-edge technologies and ground-breaking discoveries have propelled the field forward, offering new hope to patients and healthcare professionals alike. One notable area of progress is immunotherapy, which harnesses the power of the immune system to fight cancer. Scientists have made remarkable strides in developing immunotherapies that target specific proteins or markers on cancer cells, enabling the immune system to recognize and eliminate them. This approach has shown remarkable success in treating various types of cancer and has revolutionized the field of oncology. Another notable development is the emergence of precision medicine. This approach focuses on tailoring treatment plans to individual patients based on their genetic makeup, lifestyle, and tumour characteristics. Through advanced genomic profiling, doctors can identify specific genetic mutations driving a person's cancer and match them with targeted therapies that are more likely to be effective. This personalized approach has led to improved outcomes and reduced side effects for many patients. In addition, the field of liquid biopsy has gained significant attention in recent years. This non-invasive technique allows for the detection of cancer-related genetic mutations and other biomarkers through a simple blood test. Liquid biopsies provide valuable information about tumour progression, treatment response, and the development of resistance, enabling oncologists to make informed decisions about patient care.

75. According to the passage, liquid biopsy ----.

- A) is a side branch of immunotherapy and it focuses on diagnosis, not treatment
- B) is the newest and most successful development in cancer research
- C) cannot be applied to some cancer patients, while immunotherapy can
- D) involves a simple blood test and gives crucial information to doctors
- E) is thought to harness the power of the immune system to fight cancer

76. What is one common point of all the new developments mentioned in the passage?

- A) They all have potential to bring cancer treatment to a better position.
- B) They are basically copies of old-school practices in cancer treatment.
- C) Their potential to revolutionise cancer treatment has been exaggerated.
- D) They are all expensive as they have just been introduced in the field.
- E) Scientists are of the opinion that they may end up with disappointment.

77. The writer implies that of all the three recent developments, ----.

- A) immunotherapy is the most promising as it has already transformed cancer treatment
- B) liquid biopsies are at the forefront, with their potential to be the ultimate cure for cancer
- C) precision medicine is the pack leader as it targets specific proteins or markers on cancer cells
- D) none has the potential to revolutionize the field of cancer research
- E) two are actually useless as they have not made any improvements in therapies

Bonus:

1. The passage is mainly about ----.

- A) three recent and important developments in the field of cancer treatment
- B) the superiority of immunotherapy over the other methods
- C) a comparison and contrast of three new developments in cancer treatment
- D) the benefits and downsides of the three new developments in cancer treatment
- E) how to develop cancer treatment considering the recent developments

2. The underlined phrase "propelled" in the text is closest in meaning to ----.

- A) hindered
- B) deterred
- C) conveyed
- D) pushed
- E) acquired