

1-6: For these questions, choose the best word or expression to fill the space.

1. Electric vehicles still remain much more expensive than their combustion ---- even as their prices come down, and the government introduces tax credits.

A) dilemmas ikilem

✓ B) counterparts emsal, mevkida ones

C) assumptions varsayım

D) beneficiaries lehtar, varis, taraf, payda

E) inspections tefti

2. Piecing together the curious history of Xiongnu, a confederation of nomadic tribes, has been a challenge because despite their high organisation and military ----, they never developed a written language.

A) indication belirti sign symptom

B) failure yetmezlik, ba arsızlık/cannot

C) resentment alınma gücenme / öfke

D) protection koruma

✓ E) competence yetkinlik ability

3. The **transmission of syphilis** during pregnancy to an unborn child can have ---- **consequences** *içer* **including** miscarriage, stillbirth, premature births, low birth weights and **the death** of a baby shortly after birth. *↑*

- A) predictable tahmin edilebilir
- B) relevant ba lantılı alakalı ilgili
- C) inspiring ilham verici
- ✓ D) **devastating** yıkıcı adverse / dire/ bad
- E) imminent eli kula ında olması yakın soon immediate

4. In July 2023, **wildfires** in Greece **burned** more than 54,000 hectares, almost five times more than the annual average, **forcing** thousands of residents to ---- many **rural and urban settlements** **in pursuit of** a safe place. *in search of/for for the sake of with the aim of*

- ✓ A) evacuate tahliye etmek, boşaltmak
- B) absorb emmek, kabullenmek
- C) **assemble** toplamak bir araya getirmek ,
- D) tolerate hoş görmek bear, stand, put up with
- E) inhabit ya amak live settle *reside*

*assembly line : üretim bantı*

5. While climate events like recent heatwaves have multiple causes, research finds that they are many times more likely, and that susceptible areas are hit more ---- due to the human burning of fossil fuels.

A) vigorously gayretli güçlü ekilde

✓ B) severely extremely; hard sert harshly

C) remarkably önemli ölçüde considerably substantially

D) discreetly tedbirli sa duyulu ihtiyatlı = cautious

E) accurately do ru ekilde

hit / strike an area  
effect

6. Scientists have discovered that chimps living in Côte d'Ivoire ---- <sup>gözetleme</sup> surveillance on each other to avoid or incite conflict – much like intelligence officers in human military operations.

A) deal with ilgilenmek handle tackle address

B) get over iyile mek recover get well

✓ C) carry out icra etmek yapmak

D) look up kelime, numara vb bakmak aramak

E) take off 1. çıkarmak ceket vb  
2 havalanmak a plane  
3. increase/rise suddenly  
skyrocket ,boom,

cope with  
overcome

look up to : admire respect saygı duymak hayran olmak

look down on küçük görmek overlook scorn

7-16: For these questions, choose the best word(s) or expression(s) to fill the space(s).

7. Many people ---- of cataracts themselves in old age or in the context of older adults because the lens ---- cloudier throughout life, slowly causing blurry vision.

- A) hear / would become  
B) have heard / became  
C) ~~had heard~~ / have become  
D) will hear / ~~had become~~  
E) will have heard / becomes

by the time you get old

8. A data analysis company has found that it ---- an hour and a half to read a famous phone company's terms and conditions for creating an ID if you ---- to check the text's meaning.

- A) ~~will take~~ / have not paused  
B) would / had not paused  
C) has taken / will not pause  
D) takes / do not pause  
E) ~~took~~ / did not pause



1

9. It has been discovered in Spain that thousands of years ago, a woman underwent two surgeries to her head, and amazingly she appears ---- both operations, ---- by a healed bone in her skull.

- A) to have survived / evidenced kanıtlamak  
B) to survive / having evidenced  
C) surviving / to evidence  
D) having survived / evidencing  
E) to have been survived / having evidenced

emerge  
to be emerged

10. During Black Friday, retailers often offer certain products ---- extremely low prices to attract customers into the store, ---- the expectation that they will not only purchase the discounted item but also buy other, higher-margin products.

- A) on / out of  
B) by / from  
C) for / onto  
D) at / with  
E) in / over

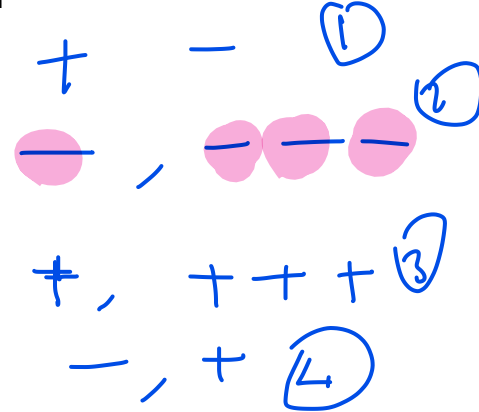
1.15

11. Napoleon Bonaparte was sympathetic ---- some aspects of the reformist aims of the French Revolution, especially those that aligned ---- his vision of a strong and centralized state.

- A) for / from  
B) into / among  
C) to / with  
D) by / between  
E) at / away

12. ---- almost everyone in the world now breathes air that is polluted in some way, the unfolding story of air pollution is one of environmental inequality, with the industrialized urban areas suffering the most.

- A) Even when  
B) Because  
C) As though  
D) Although  
E) Since



13. ---- people actively avoid singlehood, they may do so for various reasons, influenced by cultural, personal, or societal factors.

- A) While
- B) Just as
- C) When
- D) Now that
- E) Unless

When babies cry, they may do so for several reasons

14. ---- the liar is usually well-versed in the art of alteration or manipulating what is true, pathological lying can be extremely difficult to detect and unravel.

- A) Though
- B) Until
- C) Whereas
- D) As
- E) Only if

90 m

15. Anecdotal reports from anesthesiologists and various animal and human studies suggest that having red hair is associated with an altered sensitivity to ---- pain itself ---- pain-relieving medications.

- A) such / that
- B) less / than
- C) whether / or
- D) as / as
- E) both / and

✓ not only / but also

16. Consumed mostly in Latin American countries  
2nd ---- in Syria and Lebanon, traditional mate is a hot, bitter, caffeinated tea made by steeping the dried leaves of the yerba mate plant.

- A) in the name of on behalf of adına namına
- B) in spite of despite, for all, notwithstanding -e-ra men
- ✓ C) as well as yanı sıra
- D) on behalf of
- E) for the sake of 1. hatırına  
2. amacıyla u runa

17-21: For these questions, choose the best word or expression to fill the spaces in the passage.

For decades, researchers have created facial approximations of people from the past, from iconic historical figures, like King Tut and English king Henry VII, to ordinary individuals lost to time, (17) ---- an unnamed Stone Age woman and a Neanderthal man.

But how well do these approximations capture what the people looked like in life? And is there any way to (18) ---- their accuracy? Studies (19) ---- real people suggest that facial approximations do a good job of making recognizable images. But the accuracy of these reconstructions can devolve to guesswork when fossil skulls are damaged. (20) ----, researchers sometimes use opaque or biased datasets, which can limit a reconstruction's accuracy. Still, new DNA extraction and analysis techniques are making reconstructions more accurate than ever by ensuring that ancient people (21) ---- with the right hair, skin and eye colors.

17.

- A) in spite of .  
C) along with .  
E) in contrast with .  
B) such as  
D) as opposed to

18.

- A) measure  
C) arrange  
E) inject  
B) expire  
D) disclose  
if a etmek, expose  
unveil, reveal, unearth  
1.önlem 2. ölçmek 3. gelmek, ölçüsünde olmak  
zerk etmek  
enjekte etmek

19.

- A) for  
C) from -den/ caused by  
E) above  
B) with  
D) away

20.

- A) Thus  
C) By contrast  
E) In addition  
B) Even so  
D) Likewise

21.

- A) were depicted  
C) were being depicted  
E) had been depicted  
B) would be depicted  
D) are depicted

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

A side-splitting joke might spur, (22) ---- tears and gasps for air, the age-old exclamation: "I'm dying of laughter!" Although the expression is an obvious (23) ----, is there any truth behind it? Can people actually die of laughter? (24) ---- it is highly unlikely, it is technically possible - and there have been documented cases of laughter-related deaths in the past. (25) ----, there are a few ways laughter could trigger a negative effect on the body. One of the most vulnerable of these pathways is via the heart. In rare cases, an especially hearty chuckle (26) ---- something called "laughter-induced syncope," a condition that causes a person's blood pressure to drop rapidly during an exaggerated laugh. This trigger a heightened response from the autonomic nervous system - the network of nerves that regulates involuntary physiological processes - leading to a temporary dip in the amount of blood that flows to the brain, which can result in a loss of consciousness.

trigger/cause/ induce/ spark/ ignite

istensi

22.

- A) without  
C) over  
E) onto

- B) between  
D) along

23.

- A) inhibition engellme  
C) exaggeration  
E) parade geçit töreni

- B) magnitude büyüklük  
D) passion tutku

24.

- A) Unless  
C) As soon as  
E) While

- B) Because  
D) After

25.

- A) In fact  
C) Nevertheless  
E) On the contrary

- B) Therefore  
D) Meanwhile

26.

- A) would cause  
C) is supposed to cause  
E) must cause

- B) can cause  
D) has to cause

3

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

27. ----, it remains highly prevalent and contributes to considerable mortality.

- A) Since the current evidence on the impact of air pollution on heart failure remains inconsistent
- B) So that heart failure poses a significant global disease burden
- C) Although the age-standardized incidence of heart failure has been declining since 2000
- D) Whereas available evidence highlights adverse associations between air pollution and heart failure
- E) When both associations for hospitalization and mortality of heart failure in the same population were reported in one study

28. Since water conditions favourable to the growth of reefs exist in tropical or near-tropical surface waters, ----.

- A) the sighting of coral reefs in the higher enlem latitudes is a rare phenomenon
- B) it is highly unlikely to see coral reefs in the tropical waters surrounding equatorial atolls
- C) the well-lit waters of tropical seas also make it hard for coral reefs to thrive
- D) the oxygen content of water is also essential, exceeding 90% of saturation most of the time
- E) winds and currents are important in shaping individual reefs and in determining the orientation, shape, and position of the coral sand cays

29. When political theorists who think complete obedience to a single will is necessary to maintain order and security are in majority, ----.

- controversy  
ihtilaf  
anla mazlık
- A) discussions about the reinstitution of an absolute monarchy abound increase in number /
- B) people think their democratic administration is way better than oppressive ones
- C) absolutist rulers like Hitler and Mussolini will always be condemned for the atrocities they committed
- D) there will always be people claiming that kings derived their authority from God
- E) a monopoly of power also has been justified on the basis of a presumed knowledge of absolute truth

30. Whereas oral literature is widespread in the majority of Africa, ----.

- A) there are written literatures in both Hausa and Arabic in northern Nigeria
- B) works written in European languages date primarily from the 20th century onward
- C) the relationship between oral and written traditions is one of great complexity
- D) modern African literatures were born in the educational systems imposed by colonialism
- E) written literature is limited to a much smaller geographical area

2'



21  
31. Before mechanization came to the fishing industry toward the end of the 19th century, ---

-.  
A)

food-gathering peoples also obtained fish and shellfish from the shallow water of lakes

B) techniques developed for preserving fish by drying, smoking, salting, and fermentation proved useful

C) different fish species were caught in huge numbers in northern Europe in the Middle Ages

D) sailing vessels developed to suit conditions and fisheries in different areas

E) steam gradually replaced sail for propulsion in the last quarter of the 19th century

32. As owning a home has long been considered an essential part of the American Dream, ----.

A) missing one or more mortgage payments can result in serious consequences for those who want to fulfil their dream

B) about three million homes were repossessed in the United States between 2006 and 2011 due to defaults on mortgage

C) people who default on their mortgage payments may lose their homes and may not be able to borrow money in the future

D) there has been a turmoil in the U.S. housing market on account of the the high rate of foreclosures in recent months

E) people often work for years to save for a down payment on what will be the largest investment they ever make

kapara  
ön ödemeler

33. **Even though humans have always been** travellers, moving out of Africa to all parts of the world **in search of** space, food and resources, ----.

- A) guided tours have been both stereotyped and ridiculed in everyday talk
- B) guided tours are multi-faceted, purposefully designed and continuously developed
- ✓ C) the idea of guided tourism for leisure and education didn't really start **until the 17th century**
- D) tourists do not have to choose themselves which sites to visit on occasions when time is limited
- E) our inclination towards an organized touristic activity didn't take long to evolve

34. **Since the United States has no coherent** system of long-term care, which is mostly a patchwork, ----.

- A) the authorities responsible for health care for the elderly value elders the same way that other countries and other cultures do
- B) it not only has a financing and insurance system for long-term care, but also the political will to spend a lot of money
- C) federal long-term care for older people has fundamentally changed in the decades since Medicare and Medicaid was signed in 1965
- ✓ D) it devotes a smaller share of its gross domestic product to long-term care than do most other wealthy countries
- E) Medicare, the federal health insurance program for Americans 65 and older, covers the costs of medical care, but generally pays for a home aide

35. Whenever you think about the behaviour you expect of yourself in your personal life and as a professional, ----.

- A) you are engaging in a philosophical dialogue with yourself to establish the standards of behaviour you choose to uphold, that is, your ethics
- B) you will find yourself having to decide you should always tell the truth to family, friends, customers, clients, and shareholders
- C) there might be some to go around to those who are important because they are affected one way or another by your business
- D) you may also choose never to defraud or mislead your business partners, or anyone else that matters for you
- E) you will not require that all the money on the table come your way while you are pursuing profit in your business

36. While American policymakers rooted for China's economic success and worried about the risks that a failed and starving China would pose for the world in the recent past, ----.

- A) it is not clear how far Presidents of both countries will go to re-establish those kinds of ties
- B) these days, American policymakers look for ways to frustrate China's ambitions
- C) the risks a successful but still authoritarian China poses for the world are not clear yet
- D) Americans have yet to adjust to the new reality of a world in which the United States "is not always going to be on top"
- E) China's economy was growing so fast that American investors saw opportunities everywhere

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. In the thick of the Covid-19 pandemic, US Congress sent \$190 billion in aid to schools, stipulating that 20 percent of the funds had to be used for reversing learning setbacks.

- A) Covid-19 salgınının en yoğun olduğu dönemde ABD Kongresinin yaptığı şey, okullara 190 milyar dolar yardım göndermek ve fonların yüzde 20'sinin eğitimdeki aksaklıkları tersine çevirmek için kullanılmasını şart koşmaktı.
- B) Covid-19 salgınının en yoğun olduğu dönemde ABD Kongresi, okullara 190 milyar dolar yardım göndererek bu fonların yüzde 20'sinin eğitimdeki aksaklıkları tersine çevirmek için kullanılmasını şart koştu.
- C) Covid-19 salgınının en yoğun olduğu dönemde okullara 190 milyar dolar yardım gönderen ABD Kongresi, bu fonların yüzde 20'sinin eğitimdeki aksaklıkları tersine çevirmek için kullanılmasını şart koştu.
- D) Covid-19 salgınının en yoğun olduğu dönemde ABD Kongresi, okullara 190 milyar dolar yardım gönderdi ve fonların yüzde 20'sinin eğitimdeki aksaklıkları tersine çevirmek için kullanılmasını şart koştu.
- E) Covid-19 salgınının en yoğun olduğu dönemde ABD Kongresi, okullara 190 milyar dolar yardım gönderdi ama tek şartı bu fonların yüzde 20'sinin eğitimdeki aksaklıkları tersine çevirmek için kullanılmasıydı.

38. The idea of "Man the Hunter" runs deep within anthropology, convincing people that hunting made us human, only men did the hunting, and therefore evolutionary forces must only have acted upon men.

- A) "Avcı İnsan" fikri, antropolojinin derinliklerinde yer alır ve insanları avcılığın bizi insan yaptığına, avlanmayı sadece erkeklerin yaptığına ve bu nedenle evrimsel güçlerin sadece erkekleri etkilemiş olacağına ikna eder.
- B) "Avcı İnsan" fikrinin antropolojinin derinliklerinde yer almasının nedeni, insanları avcılığın bizi insan yaptığına, avlanmayı sadece erkeklerin yaptığına ve bu nedenle evrimsel güçlerin sadece erkekleri etkilemiş olacağına ikna etmesidir.
- C) "Avcı İnsan" fikri, antropolojinin derinliklerinde yer almasaydı insanları avcılığın bizi insan yaptığına, avlanmayı sadece erkeklerin yaptığına ve bu nedenle evrimsel güçlerin sadece erkekleri etkilemiş olacağına ikna edemezdi.

- D) Antropolojinin derinliklerinde yer alan "Avcı İnsan" fikri, insanları avcılığın bizi insan yaptığına, avlanmayı sadece erkeklerin yaptığına ve bu nedenle evrimsel güçlerin sadece erkekleri etkilemiş olacağına ikna eder.
- E) "Avcı İnsan" fikrinin insanları avcılığın bizi insan yaptığına, avlanmayı sadece erkeklerin yaptığına ve bu nedenle evrimsel güçlerin sadece erkekleri etkilemiş olacağına ikna etmesinin nedeni, antropolojinin derinliklerinde yer almasıdır.

angora  
inSivilizceangora  
inSivilizceangora  
inSivilizceangora  
inSivilizce

39. Big forests **hold** carbon better than small ones **because their interiors are protected from wind and fire and stay connected to water sources.**

- A) Büyük ormanların iç kısımları, rüzgâr ve yangından korunur ve su kaynaklarına bağlı kalır, bu yüzden de karbonu küçük ormanlardan daha iyi tutar.
- B) Büyük ormanların karbonu küçük ormanlardan daha iyi tutmasının sebebi, iç kısımlarının rüzgâr ve yangından korunması ve su kaynaklarına bağlı kalmalarıdır.
- ✓ C) Büyük ormanlar, iç kısımları rüzgâr ve yangından korunduğu ve su kaynaklarına bağlı kaldığı için karbonu küçük ormanlardan daha iyi tutar.
- D) İç kısımları rüzgâr ve yangından korunur ve su kaynaklarına bağlı kalan büyük ormanlar, karbonu küçük ormanlardan daha iyi tutar.
- E) Büyük ormanların iç kısımları, rüzgâr ve yangından korunmasa ve su kaynaklarına bağlı kalmasaydı karbonu küçük ormanlardan daha iyi tutamazdı.

40. **Tanımı gereği**, ritüeller doğrudan nedensel sonuçları olmayan keyfi eylemleri içerdiğinden içsel bir anlama sahip değildir, bu da onların grup tarafından onaylanan herhangi bir değeri iletme ve pekiştirme aracı olmalarını sağlar.

- A) In essence, rituals lack inherent meaning, as they consist of arbitrary actions without direct causal outcomes, and this characteristic enables them to serve as conduits for expressing and reinforcing the values embraced by a group.
- B) By their own nature, rituals don't have any essential meaning due to their harbouring arbitrary actions without direct causal outcomes, so this lets them become vectors that communicate and enforce any values embraced by a group.
- C) That rituals have no intrinsic meaning as they involve arbitrary actions that have no direct causal outcomes means that they can become vehicles for communicating and reinforcing any values endorsed by the group.
- D) The absence of intrinsic meaning in rituals, attributed to their involvement in arbitrary actions with no direct causal outcomes, signifies their potential to serve as channels for communicating and reinforcing values endorsed by the group.
- ✓ **E) By definition**, rituals have no intrinsic meaning as they involve arbitrary actions that have no direct causal outcomes, which allows them to become vehicles for communicating and reinforcing any values endorsed by the group.

41. Kızamık salgınları ve ölümlerindeki artış şaşırtıcıdır, ancak ne yazık ki son birkaç yılda gördüğümüz azalan aşılama oranları göz önüne alındığında beklenmedik bir durum değildir.

- A) Though the increase in measles outbreaks and deaths is staggering, it is unfortunately not unexpected seeing that vaccination rates have been declining in the past few years.
- B) The increase in measles outbreaks and deaths is staggering, but unfortunately, not unexpected given the declining vaccination rates we have seen in the past few years.
- C) The alarming rise in measles outbreaks and fatalities is regrettable, yet sadly anticipated, considering the observed decline in vaccination rates over the past few years.
- D) The increase in measles outbreaks and fatalities is ill-fated, but unfortunately, it was expected due to the decline in vaccination rates over the past few years.
- E) The increase in measles outbreaks and fatalities is unfortunate, but sadly, it was expected given that there has been a serious decline in vaccination rates over the past few years.



42. **Bilim insanları**, yaklaşık 40 yıldır Mars'ta hava parıltısı olduğundan **şüpheleniyorlardı** **ama** ilk gözlem **ancak on yıl önce ESA'nın Mars Express yörünge aracı tarafından kızılötesi spektrumda tespit edildi.**

- A) For about four decades, scientists have theorized that Mars possessed airglow; however, the initial observation took place merely a decade ago when the European Space Agency's Mars Express orbiter detected this phenomenon in the infrared spectrum.
- B) Although scientists have entertained the notion of Mars having airglow for approximately four decades, the first recorded observation occurred just ten years ago when the European Space Agency's Mars Express orbiter detected this phenomenon in the infrared spectrum.
- ✓ C) Scientists have suspected Mars to have airglow for some 40 years, but the first observation only occurred a decade ago by ESA's Mars Express orbiter, which detected the phenomenon in the infrared spectrum.
- D) Despite scientists considering the possibility of Mars having airglow for about four decades, the first documented observation occurred merely ten years ago when the European Space Agency's Mars Express orbiter detected this phenomenon in the infrared spectrum.
- E) For the last 40 years, scientists have been suspecting Mars to have airglow, yet it was only ten years ago that the first observation occurred, which was made possible when the European Space Agency's Mars Express orbiter detected this phenomenon in the infrared spectrum.

**43-46: Answer these questions according to the passage below.**

It is a classic science fiction scenario: An enormous asteroid is discovered hurtling toward Earth that is sure to trigger a cataclysmic extinction upon impact. Courageous scientists have only a year to launch a pre-emptive strike against the space rock – to knock it off course or blow it to bits – with the fate of humankind at stake. Can they stop it? This doomsday scenario is, in all likelihood, one humans alive today will never have to face. Astronomers have mapped the trajectories of more than 33,000 asteroids that make occasional close approaches to Earth, and none pose any risk of impact for at least the next 100 years. Still, scientists understand that disaster can descend with little warning; thousands of asteroids move hidden in the sun's glare, including many rocks large enough to **obliterate** entire cities, and the European Space Agency (ESA) warns that dozens of "planet killer" asteroids – those measuring wider than 0.6 mile (1 kilometre) and capable of triggering a global extinction event – still lurk undiscovered in our solar system. For this reason, space agencies take the doomsday scenario very seriously. And after years of research – including the world's first mission to deflect an actual asteroid in space – the international community's efforts have yielded two viable ways of changing a potentially deadly asteroid's course: hitting it with a high-speed impactor, or pummelling it with nuclear explosives.

**43. What is the primary purpose of the international community's research efforts, including the world's first mission to deflect an asteroid in space?**

- A) To discover new asteroids in our solar system
- B) To map the trajectories of asteroids making close approaches to Earth
- C) To identify potential space missions
- D) To develop strategies for changing the course of a potentially deadly asteroid
- E) To explore the composition of asteroids

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**44. According to the passage, ESA expresses concern about the undiscovered "planet killer" asteroids because ----.**

- A) they have the potential to bring about a global extinction event
- B) they collide with each other in space more often than scientists think
- C) they are difficult to detect on account of their small size
- D) they are too far from Earth to pose any serious threat
- E) they have irregular trajectories when they are close to Earth's orbit

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45. The underlined word 'obliterate' in the passage is closest in meaning to ----.

- A) shield
- B) extend
- C) annihilate
- D) reinforce
- E) transmit

46. The author of the passage seems pretty sure that ----.

- A) the two ways scientists have specified to ward off "planet killer" asteroids are 100% safe for humans
- B) hitting potentially dangerous asteroids with nuclear weapons is the best way to obliterate them
- C) the current generation will not experience an impact from a huge asteroid in the next 100 years
- D) thousands of asteroids, some large enough to annihilate entire cities, will one day hit Earth
- E) a huge asteroid hurtling towards Earth is destined to cause catastrophic extinction upon impact

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

Gene variants inherited from one of our closest extinct relatives, the Denisovans, may make carriers more likely to develop neuropsychiatric disorders such as depression and schizophrenia, a new study suggests. Modern humans are believed to have migrated out of Africa around 60,000 years ago and then interbred with Denisovans in Asia. As a result, traces of Denisovan DNA can be found within the genomes of some people today: About 4% to 6% of modern New Guinean and Bougainville Islander DNA is Denisovan, as well as about 0.2% of mainland Asians and Indigenous American DNA. Now, new research has revealed that modern human populations outside Africa have a variation in a gene called SLC30A9 that was inherited from the Denisovans. This gene codes for a mitochondrial protein called ZnT9 that regulates zinc transport and cellular metabolism. Heat is released during metabolism, so it is possible that the SLC30A9 variant may have been selected for in the past because it helped our ancestors adapt to new, colder environments. However, given that zinc dysregulation has been implicated in several neuropsychiatric disorders, such as depression and schizophrenia, nowadays it may be a detrimental trait. The study authors stressed, though, that assumptions about the respective advantages and disadvantages of this variant are "purely speculation" at this stage.

**47. It can be concluded from the passage that the exact date at which modern humans migrated out of Africa ----.**

- A) can explain why some people are prone to neuropsychiatric disorders
- B) is around 60,000 years ago, when they also met Denisovans
- C) has a lot to do with when they first contacted Denisovans
- D) remains a mystery as scientists barely have any idea about it
- E) is, in fact, unknown and can only be guessed by scientists

**48. According to the passage, the main finding of the new study regarding gene variants inherited from Denisovans shows that ----.**

- A) Denisovan DNA is absent in modern human populations outside Africa
- B) the SLC30A9 gene variant inherited from Denisovans is linked to zinc dysregulation
- C) carriers of Denisovan gene variants are less likely to develop neuropsychiatric disorders
- D) Denisovan DNA makes up a significant portion of the genomes of modern New Guineans
- E) the SLC30A9 gene variant was not found in modern human populations

**49. Which of the following is true about Denisovan DNA according to the passage?**

- A) It is the highest among people from modern New Guinea and Bougainville Island.
- B) It is spread throughout the world, with at least 0.2% of the entire population carrying the DNA.
- C) Some people, such as mainland Asians, have no traces of it in their genomes.
- D) Approximately 2% to 4% of African populations have it in their genomes.
- E) The study did not investigate the presence of it in Native American populations.

**50. The passage suggests that the SLC30A9 gene ----.**

- A) may have been selected for due to its association with depression and schizophrenia
- B) may have been preferred for its detrimental effects on neuropsychiatric health
- C) has been applauded for its role in preventing zinc dysregulation
- D) may have helped ancestors acclimatize to colder environments
- E) ended up in some humans for its positive impact on mental health

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

Still standing in Baghdad, Iraq, the Mustansiriya Madrasah is one of the oldest universities in the world. It was established by Caliph Al-Mustansir, of the Abbasid Dynasty, in 1227 and took six years to be completed, opening its doors to students on 6 April 1233. At the time, madrasahs (schools) were used to foster Islamic thought and the Mustansiriya Madrasah was no different. Teaching Islamic doctrines as well as a range of other subjects, the school provided an advanced education for students who travelled to and stayed at the university to study under the guidance of prominent tutors. The building itself is an astounding model of Islamic architectural design and remains an impressive example of the use of decorative geometric patterns that became popular during this period. The Madrasah operated as a university for nearly a century, surviving the Mongol Conquest of 1258 when it was partially destroyed but later rebuilt. Though studies continued under the Mongols for a period, the university eventually closed its doors, with evidence showing that the building was used for a time as a caravanserai (a type of roadside inn). The Ottomans took control in Baghdad in 1534, and the school building was then used by craftsmen before becoming a customs office in later centuries. In the 20th century, the significance of the Mustansiriya Madrasah was recognised by the Directorate of Antiquities in Iraq, and the building began to be restored and preserved, with several of the surrounding buildings being demolished in order to restore the Madrasah's original boundaries.

**51. According to the passage, the Mustansiriya Madrasah served its original purpose ----.**

- A) for more than a millennium under the Ottoman rule
- B) despite attempts to use it for other purposes
- C) for only a fraction of its existence until present day
- D) for much longer a period than its predecessors in the region
- E) for students who were originally living in Baghdad in those days

**52. It is clear from the passage that the Mustansiriya Madrasah ----.**

- A) took more than six years to construct and another five years to start educational facilities
- B) was the first example of a madrasah that also gave education on subjects other than Islamic doctrines
- C) thrived while it was being used as a caravanserai during the Ottoman rule
- D) is among the remarkable examples of Islamic architectural design
- E) had to be demolished in the beginning of the 20<sup>th</sup> century

**53. What can be said about the impact of the Mongols and Ottomans on the Mustansiriya Madrasah according to the passage?**

- A) Their conquests in different centuries brought an end to its educational facilities.
- B) Their control in Baghdad meant that the facility kept its original purpose of education.
- C) They eventually helped the madrasah gain its current prominent place in architecture.
- D) They were responsible for the use of decorative geometric patterns in its construction.
- E) Their intervention in educational facilities brought the demise of the institution.

**54. Which could be the best title for this passage?**

- A) The Decline of Education: Mustansiriya Madrasah's Lost Impact
- B) Legacy of Learning: The Mustansiriya Madrasah in Baghdad's Rich History
- C) Lost Treasures: Unearthing Forgotten Histories of Baghdad's Structures
- D) Architectural Marvels: Baghdad's Hidden Gems Beyond Mustansiriya
- E) Ottoman Transformations: Mustansiriya Madrasah's Shift in Purpose

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

As the smallest living units, cells are key to understanding disease – and yet so much about them remains unknown. We do not know, for example, how billions of biomolecules – like DNA, proteins, and lipids – come together to act as one cell. Nor do we know how our many types of cells interact within our bodies. We have limited understanding of how cells, tissues, and organs become diseased and what it takes for them to be healthy. Artificial Intelligence (AI) can help us answer these questions and apply that knowledge to improve health and well-being worldwide – if researchers can access and harness these powerful new technologies. Imagine if we had a way to represent every cell state and cell type using AI models. A “virtual cell” could simulate the appearance and known characteristics of any cell type in our body – from the rods and cones that detect light in our retinas to the cardiomyocytes that keep our hearts beating. Scientists could use such a simulator to predict how cells might respond to specific conditions and stimuli: how an immune cell responds to an infection, what happens at the cellular level when a child is born with a rare disease, or even how a patient’s body will respond to a new medication. Scientific discovery, patient diagnosis, and treatment decisions would all become faster, safer, and more efficient.

**55. What is the primary challenge highlighted in the passage regarding understanding cells?**

- A) Identifying the smallest living units within our retinas
- B) Deciphering the interaction of biomolecules within a cell
- C) Explaining the roles of various types of cells in the body
- D) Investigating how cells, tissues, and organs become healthy
- E) Unraveling the mysteries of DNA, proteins, and lipids

**56. According to the passage, AI could benefit the field of cell research by ----.**

- A) representing every cell state using AI models
- B) limiting access to powerful new technologies
- C) excluding AI from scientific discovery
- D) decreasing the efficiency of patient diagnosis
- E) avoiding the use of AI in treatment decisions

**57. One of the potential applications of a virtual cell simulator mentioned in the passage is ----.**

- A) predicting the appearance of different cell types
- B) simulating the interactions between cells, tissues, and organs
- C) predicting how cells respond to specific conditions and stimuli
- D) simulating the appearance and known characteristics of any cell type.
- E) determining the roles of biomolecules in cellular functions

**58. Which of the following best describes the attitude of the author of the passage towards the use of AI in handling of human cells?**

- A) humorous
- B) sarcastic
- C) cautious
- D) optimistic
- E) pessimistic



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

Italians cannot be typified by any one physical characteristic, a fact that may be explained by the past domination of parts of the peninsula by different peoples. The Etruscans in Tuscany and Umbria and the Greeks in the south preceded the Romans, who "Latinized" the whole country and maintained unity until the 5th century. Jews arrived in Italy during the Roman Republic, remaining into present day. With the collapse of the Roman Empire in the West, Italy suffered invasions and colonization, which inevitably affected its ethnic composition. With some exceptions, the north was penetrated by Germanic tribes crossing the Alps, while the south was colonized by Mediterranean peoples arriving by sea. The Byzantines were dominant in the south for five centuries, coinciding with the supremacy of the Lombards (a Germanic tribe) in Benevento and other parts of the mainland. In the 9th century Sicily was invaded by the Saracens, who remained until the Norman invasion in the early 11th century. The Normans were succeeded by the Aragonese in 1282, and in 1720 Sicily came under Austrian rule. This mixed ethnic heritage explains the smattering of light-eyed, blond Sicilians in a predominantly dark-eyed, dark-haired people. Except for the Saracen domination, the Kingdom of Naples, which formed the lower part of the peninsula, had a similar experience, whereas the northern part of Italy, separated from the south by the Papal States, was much more influenced by the dominant force of the Austrians. The Austrian admixture, combined with the earlier barbarian invasions, may account for the greater frequency of light-eyed, blond Italians originating in the north.

**59. It is clear from the passage that what is now Italy ----.**

- A) has endured many invasions by different groups throughout its history
- B) came into being only in the latter part of the 19<sup>th</sup> century
- C) was once under the absolute dominion of people from Austria
- D) was established by the Romans, who killed the Greeks and Etruscans in the 5<sup>th</sup> century
- E) is actually under the influence of Germanic tribes, rather than people from the Mediterranean

**60. According to the passage, the main reason why Italy has a diverse ethnic composition today ----.**

- A) is, in fact, as a result of the fact that it keeps welcoming people from different ethnicities
- B) remains a mystery, and it has long been scrutinized by anthropologists
- C) is mainly due to the occasional domination of Germanic tribes during its history
- D) defines what the country is at the moment, with its food culture especially
- E) has to do with invasions and colonisation it was subject to after the collapse of the Roman Empire

**61. The passage suggests that the presence of the Byzantines in Italy ----.**

- A) was the shortest among those of other nations
- B) overlapped with that of the Lombards
- C) brought about great changes in its ethnicity
- D) was ended by an invasion by the Lombards
- E) eventually brought the Saracens into the region

**62. According to the passage, the prevalence of light-eyed, blond Italians in the northern parts of Italy ----.**

- A) has a lot to do with the Etruscan influence and Byzantine dominance
- B) is mainly due to the Papal States separating the north and south
- C) may be the result of the Austrian domination of the region, as well as the barbaric invasions
- D) took place after the Saracens dominated the region for a long time
- E) originated mainly after the collapse of the Roman Empire



63-67: For these questions, choose the best option to complete the dialogue.

63. Craig:

— I've been using the immune booster promoted by this famous social media influencer.

Leia:

— And you think you are much healthier now?

Craig:

— What is wrong with a strong immune system? I know for a fact that a weak one isn't good for you.

Leia:

— ----

Craig:

— Hmm. Maybe I should consult with the GP about the correct dose for the supplement.

minus/ setback/ disadvantage

A) Both have downsides: a weak immune system means you'll find it difficult to fend off illness, but with a strong one, you might end up with allergies.

B) The immune system is the mobile defense system of your body, which protects your body from infection and disease.

C) Eating a well-balanced diet, exercising regularly, reducing stress and getting decent sleep can help your body maintain a healthy immune system.

D) You're right, and a strong immune system means being extremely healthy, while experts say it is all about balance.

E) In reality, vaccines are the only safe and effective tool beyond healthy lifestyle behaviors to support your immune system.

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64. Jim:

- **Even though** we live in an increasingly globalized world, the number of college students in the US taking languages is rapidly falling.

Desmond:

- And what is wrong with that? **Not** everyone wants to learn a new language.

Jim:

— ---- ?

Desmond:

- **Wow! I didn't think about it that way.** That country is really different from the other ones, isn't it?

Jim:

- It definitely is.

Exactly. Kesinlikle.

- A) You may be right, but languages **require** hundreds to thousands of hours of study to **reach** professional proficiency.

- B) But, as a **global contender** in economy, and **occasional target** of terrorism, **Americans think learning languages is critical to national security.**

- C) A year after 9/11, college-level enrolments in Arabic almost **doubled** to over 10,500, and they **peaked in** 2009 at **just under** 35,000.

- D) But Americans think overcoming foreign language shortfalls is **easier said than done**, and these **gaps** cannot be filled **overnight**.

- E) But this happened despite the lockdown due to Covid-19, when they had all the time to start learning a new foreign language.

65. Greg:

— I thought evolutionary adaptation was a real thing.

Meredith:

— What makes you say that? You are a well-educated man as far as I know.

Greg:

— ----

Meredith:

— That is because the change is occurring much faster than species are changing, which means only the quick adapters will survive.

Greg:

— I get it. We should really do something to stop this climate change.

- A) What does have anything to do with my education? That animals are dying in disproportionately high numbers matters.
- B) Some species have been able to meet the challenge with rapid evolutionary adaptation and other changes in behavior or physiology.
- C) For example, dark-colored dragonflies are getting paler in order to reduce the amount of heat they absorb from the sun.
- D) I know that in animals that take several years to reach breeding age, the climate has already shifted by the time their offspring are born.
- E) If there were, or if it were working properly, we wouldn't be losing so many species to global warming.

66. Jane:

- I don't think fears about Artificial Intelligence taking over the planets have a sound base. We will always be in control of machines.

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Rick:

- It is not about control: it is really about our dependence on it. AI plays a visible part in many people's daily lives, from face recognition unlocking your phone to speech recognition powering your digital assistant.

Jane:

— ----

Rick:

- But it also plays roles you might be vaguely aware of – for example, shaping your social media and online shopping sessions, guiding your video-watching choices and matching you with a driver in a ride-sharing service.

Jane:

- Alright. I start to get your point and where the technology is going.

- A) But my point is about the claims that AI will control us in the future.
- B) AI also affects your life in ways that might completely escape your notice.
- C) Ok, but this doesn't mean everyone depends on AI in their daily lives.
- D) Many of the AI systems that fly under the radar have biases that can cause harm.
- E) We will never be vulnerable against AI even when it is ubiquitous.

everywhere

67. Professor:

- Sarah, I noticed some similarities between your recent paper and an online source. Can you explain?

Sarah:

— ----

Professor:

- I am sorry, but it is not that simple. We have a code of ethics in this institution, and those who violate it will be punished severely. Please cite that part properly in the final version.

Sarah:

- Yes, ma'am. I assure you that it will not happen again.

Professor:

- Ok. Now you may leave.

A) You must have mistaken my paper with some other student's. I am always careful about citations. X

B) I did exactly what you told in the previous lesson. Nothing more. X

C) I had it checked by a classmate of mine, and she didn't tell me anything about that part. X

D) The way academic papers are written is a little tedious, don't you think? boring

✓ E) Oh, I didn't think it was a big deal. I mean, everyone uses the internet for research, right?

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68-71: For these questions, choose the best rephrased form of the given sentence

68. The world's nations are taking more concrete steps to tackle climate change than ever before, but they are still very far from making the sweeping changes needed to keep global temperatures at relatively safe levels.

A) While nations worldwide are increasingly taking concrete actions to combat climate change, they are still a considerable distance away from enacting the comprehensive changes necessary to ensure that global temperatures remain within relatively safe bounds.

B) Although there is a growing commitment among some nations to address climate change through tangible measures, they are still significantly distant from making the transformative changes required to maintain global temperatures at levels considered relatively safe

C) Though countries around the globe are implementing more tangible measures to address climate change than in the past, they remain significantly distant from implementing the extensive changes required to maintain global temperatures at reasonably safe levels.

D) Despite the ever-increasing efforts of nations to confront climate change with concrete actions, they remain far from implementing the extensive changes needed to ensure that global temperatures stay within what is thought a relatively safe range.

E) While nations are increasingly taking concrete measures to address climate change, the significant gap persists in implementing the transformative changes necessary to keep global temperatures within what is considered a relatively safe range.

4V6drin ✓

69. Although many ultra-processed foods, such as soda, candy, and frozen meals, can satisfy cravings for sweet, fatty, salty foods, emerging research suggests these items are particularly bad for the brain, with mood and cognition taking a hit.

A) While ultra-processed foods like soda, candy, and frozen meals will certainly fulfil cravings for sweet, fatty, and salty flavours, recent research indicates that these products can have detrimental effects on the brain, impacting mood and cognition.

B) It is possible for numerous ultra-processed foods, including soda, candy, and frozen meals, to satisfy cravings for sweet, fatty, and salty tastes, but recent research suggests that these items have particularly negative effects on the brain, causing a decline in mood and cognition.

C) Despite their ability to satisfy cravings for sweet, fatty, and salty flavours, ultra-processed foods like soda, candy, and frozen meals are increasingly related to detrimental effects on the brain, suggesting that mood and cognition may suffer as a result.

D) Ultra-processed foods such as soda, candy, and frozen meals can provide satisfaction for cravings of sweet, fatty, and salty preferences; however, emerging research points to their adverse impact on the brain, affecting mood and cognition.

E) Ultra-processed foods offering the gratification of sweet, fatty, and salty cravings are increasingly recognized for their potential harm to the brain, as suggested by recent research indicating a negative impact on mood and cognition.

70. **Scientists have found that** sharks have a **positive impact on the marine carbon cycle by eating herbivorous fish or restricting the areas where they live, and this limits their prey's ability to eat marine vegetation, which is crucial for carbon absorption.**

A) **Researchers have discovered that** sharks play a beneficial role in the marine carbon cycle by **either** consuming herbivorous fish **or** constraining the regions in which they reside, **which, in turn, restricts** the ability of their prey to consume marine vegetation, **which is essential for** carbon absorption.

B) The recent discovery that sharks contribute positively to the marine carbon cycle by **either** consuming herbivorous fish or confining the areas in which they dwell is important due to their crucial role in carbon absorption by limiting the ability of prey to consume marine vegetation.

C) Scientists have found that sharks play a beneficial role in the marine carbon cycle by **either** consuming herbivorous fish or restricting their habitat is significant, **and this is because** sharks, by limiting their prey's capacity to consume marine vegetation, are crucial contributors to carbon absorption.

D) The discovery that sharks contribute positively to the marine carbon cycle through **either** consuming herbivorous fish or restricting their habitat is noteworthy, **which is why** sharks play a crucial role in carbon absorption by limiting their prey's ability to consume marine vegetation.

E) **What** researchers have discovered recently is that sharks have a positive impact on the marine carbon cycle by eating herbivorous fish or restricting the areas where they live, and this limits their prey's ability to eat marine vegetation, which is crucial for carbon absorption.



görsel

71. **Even though** your stomach has a hormonal system for telling your brain when it is empty, **this is often augmented by the learned association between times of day and feeling hungry.**

- A) **Despite** the hormonal system in your stomach telling the brain when it is empty, this command is often enhanced by the link between times of day and feeling hungry.
- B) **In spite of** the hormonal signals from the stomach indicating emptiness to the brain, this directive is frequently amplified by the connection between specific times of the day and the sensation of hunger.

- C) **Even with** the stomach's hormonal signals notifying the brain of emptiness, this communication is often intensified by the association between certain times of the day and the experience of hunger.
- D) Your stomach **possesses** a hormonal system to signal emptiness to your brain, **but this is frequently enhanced by** the learned connection between **specific times of the day** and the sensation of hunger.
- E) **Although** the hormonal system in your stomach **communicates** when it is empty to the brain, this message is frequently heightened by the established connection between **specific times of the day** and the sensation of hunger.

72-75: For these questions, choose the best option to complete the missing part of the passage.

72. Napoleon Bonaparte first gained fame when he helped France wrest an unlikely victory against the Austrians in Italy in 1796, earning him the nickname the "Little Corporal." ---- Hailed as a national hero, he seized political power over France in a 1799 coup. As emperor, he attempted to expand France's reach across the world. Napoleon had charisma and huge ambitions. But throughout his life and career, Napoleon was ridiculed for his short stature. His own soldiers gave him several pet names, most of which started with "le petit" ("the little").

- Eklen
- A) It would take a disastrous Russian campaign and a coalition among his rivals, to bring him down.
- B) He was deposed in 1814 and spent nine months in exile on the Italian island of Elba.
- C) His military prowess led to even more victories, all characterized by daring, even foolhardy, strategies.
- D) During his life, Napoleon was described as both slight and impressive, short and average.
- E) Regardless of his actual height, Napoleon inspired the theory that short men attempt to make up for their height with daring deeds.

73. You **sit down to dinner** with a rumbling stomach and **finish the meal in record time** - **but then, half an hour after clearing your plate,** you suddenly feel **uncomfortably full, as if your tummy could pop.** --- But **exactly how long** does it **take** for your brain **to register that you are full?** It **does, indeed, take on average 20 minutes** for your body **to send signals to your brain to indicate that you have had enough to eat.** However, the exact duration of the lag between when you eat and when you feel full depends on a multitude of factors, including the type of food you are eating and your typical eating habits.

- A) There is a time gap between when you have eaten enough to satisfy your hunger and when the brain actually realizes that you are full.
- B) The time it takes for the body to generate satiety signals and send them to your brain also depends on the type of food you are eating.
- C) Certain medical conditions, such as hypothyroidism and diabetes, can disrupt satiety signals by slowing down the passage of food through the stomach.
- D) Foods high in fibre, such as fruits, vegetables and whole grains, tend to promote satiety.
- E) People say there is a lag between taking your first bite and satisfying your hunger, and the general belief is that it lasts around 20 minutes.

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74. True history of the teddy bear begins in the American wilderness. In November 1902, President Theodore Roosevelt embarked on a hunting trip in Mississippi with one main goal: to bag a black bear. As the tale goes, after Roosevelt had scoured the brush for several days without so much as spotting one, some of his hunting companions corralled an injured old bear and tied it to a willow tree. ---- Horrified, the president refused, saying it would be unseemly unsporting for a man of honour to kill this vulnerable creature. He ordered the decrepit bear to be euthanized, and this odd show of mercy quickly became news.

- A) Here they said, was Roosevelt's opportunity to slay one and declare victory.
- B) President's companions were hesitant to offer the animal to him at first.
- C) It took a few hours of fierce struggle to restrain the bear, as in a bad condition as it was. although its condition was bad
- D) Roosevelt, they said, was developing an obsession with hunting wild bears.
- E) The way hunting was done did not really matter for anyone as there weren't any action groups.

75. Sleep apnoea involves lapses in breathing during sleep. --- Now, Giovanni Traverso at the Massachusetts Institute of Technology and his colleagues have developed an ingestible electronic device that may allow home assessment of sleep apnoea. The device, roughly the size of a vitamin supplement, contains an accelerometer that measures breathing and heart rate by detecting vibrations in the gut. It also has a medical-implant radio to transmit this information to an external computer. By the information it sends, the software can tell whether a person has sleep apnoea or not.

- A) An electronic pill that can measure your breathing and heartrate might be able to diagnose sleep apnoea or detect opioid over doses.
- B) Diagnosis usually involves an overnight stay in hospital for monitoring vital signs, including breathing and heart rate.
- C) The team tested the smart pill in 10 people who were already booked in at the West Virginia University Medicine Sleep Evaluation Center.
- D) The researchers think the pill can also be given to opioid users to detect if they stop breathing due to an overdose.
- E) The pill is typically excreted within a day, which could limit its utility in detecting overdoses among opioid users .

76-80: For these questions, choose the irrelevant sentence in the passage.

76. (I) Depression is the most common mental health condition globally, and is especially prevalent in adolescents. (II) In the US, for instance, an estimated 1 in 5 teenagers met the criteria for major depressive disorder in 2021. (III) However, not everyone experiences depression in the same way, so the results may not capture all the biological markers that indicate the condition. (IV) On the other hand, diagnosing and treating the condition is difficult due to a lack of objective measures for it. (V) Now, a new blood test could help identify teenagers who are more susceptible to depression, and lead to earlier interventions.

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

77. (I) On 24 December 1923, an event that would go on to mark Christmas in Washington DC every year took place for the first time. (II) An enormous tree was erected in front of the United States of America's most famous building. (III) Not only was it the first time a Christmas tree had been put up outside the White House, rather than just being indoors, it was the first to be decorated with electric lights. (IV) A large crowd gathered to witness the inaugural lighting of the tree which would be performed by the then President Calvin Coolidge, who hit the button and began a tradition that would endure through numerous presidents into the modern day. (V) Donated by Middlebury College in Vermont, President Coolidge's home state, the fir tree stood in its glory at 48 feet high.

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

21

78. (I) Sending supplies to a future Martian colony by spacecraft would be expensive, which makes producing materials with Mars's natural resources an appealing option. (II) However the Red Planet doesn't have the same wealth of elements as Earth does. (III) It still might be easier to design materials on Earth and send them to Mars. (IV) To get around this shortage of minerals, researchers at the University of Science and Technology in China have developed a fully automated robot. (V) The machine used a laser to analyse the chemical make-up of five Martian meteorites and found six elements in significant quantities, which could be used in the future to produce materials on Mars.

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

79. (I) Bonobos often form friendly alliances with other bonobos in separate social groups – the first time this has been seen in non-human primates. (II) Many animals – including various mammals and birds – cooperate, but they seem to do so only with those within their close social circle, or in-group. (III) This is in line with humans, but in stark contrast to chimpanzees, which frequently kill chimps in other groups. (IV) The findings challenge the idea that humans evolved from ancestral apes that were innately violent, says Martin Surbeck at Harvard University. (V) "This potential to form collaborative links between different groups is not uniquely human and it might have occurred earlier than we thought," he says.

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

80. (I) For many people, climate science brings to mind satellite observations, temperature records or the analysis of ice cores. (II) Asking indigenous people about the changes they are witnessing helps us to understand what matters to them and what issues require attention. (III) But there is plenty more data besides that as can be seen among indigenous communities that have long lived close to the land – and have traditionally depended on deep knowledge of their environments to survive – and often hold their own records and recollections. (IV) These can include extraordinary details about alterations in weather patterns, changes in vegetation or unfamiliar behaviour of animals that have emerged under their watch. (V) Today, anthropologists and climate researchers working for Western institutions are increasingly turning to indigenous people to ask what they have observed about the world around them. ✓

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

climate change

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