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배점 합 70점 — 시험지 표기 그대로 · 문항 번호 오른쪽의 [N점] 01–20번 30점 · 21–40번 40점 · 개수가 아니라 점수로 채점

[01-03] Choose the most appropriate one for each blank. 88 words

Allergies are very widespread. Every year more than 50 million people in America experience allergy symptoms including postnasal drip, coughing and fatigue with varying severity. People living with allergies may be prone to experiencing mental health disorders, such as anxiety and depression. The _____ of mental health disorders and allergies have received little attention but recent studies have shed light on the parallels that may improve treatment for patients. Allergies themselves can have a significant impact on a person's mental health. How can allergies affect mental health and vice versa?

01 [1점]

① contributions ② death rates ③ best treatments
④ correlations ⑤ medical expenses

[02] 159 words

A recent paper published in Nature Sustainability on electric vehicles and their impact on the environment claims that electric vehicle (EV) buying incentives often fail to deliver on the government's investment. Not only do U.S. subsidies flow to the well-off, but it turns out tax credits (up to $7,500 in 2023) can incentivize the wrong buyers, leading many to increase their carbon footprint. According to the research, if you drive a fair amount, then you are likely well-suited to drive an electric vehicle. However, if you seldom drive and the vehicle is mostly going to sit in the garage, then you may counterintuitively be better off owning a gasoline-powered vehicle. This is because the batteries that power EVs are responsible for an outsize share of emissions during the manufacturing process. Because EVs are dirtier to build but cleaner to drive, _____. In the U.S., the typical non-luxury EV needs to run between 28,069 and 68,160 miles before netting a positive environmental impact.

02 [2점]

① emissions are easy to control
② batteries are the essential component in EVs
③ gasoline-powered vehicles have become a thing of the past
④ public dollars spent as incentives are going to be worth the money
⑤ EVs must meet certain mileage thresholds before environmental advantages are realized

[03] 142 words

Some people say robots will soon take over the world. Or will they? To celebrate the 100th anniversary of the coining of the word robot, by the Czech playwright Karel Čapek, we thought it would be fun to take a look at a list of AI's failed attempts to replace humans. Let's begin with face recognition. The Scottish soccer team Inverness Caledonian Thistle FC bypassed facial recognition in favor of ball recognition by replacing their human camera operators with AI-operated ball-tracking cameras. Now, cameras would always follow the action by automatically following the ball. Sounds great, except fans watching at home missed most of the scoring plays as the AI-operated cameras constantly mistook the referee's bald head for the soccer ball. Scores of viewers called the team to complain, one fan going so far as to suggest supplying the referee with a _____.

03 ① small wig ② right-sized ball ③ better camera [1.5점]
④ pair of clean glasses ⑤ sensor

[04] 106 words

As with any storm, bomb cyclones develop when drastically different air masses clash — typically, cold and dry air moving down from the north and warm, moist air coming up from the tropics. The warmer air rapidly rises, creating cloud systems, lowering air pressure and developing into a storm system that circulates counterclockwise around that center of low pressure. Rapid storm strengthening is a signal that increasing amounts of warm air are being drawn into a storm's circulation, spiraling toward its center and rising out its top. When more air escapes out the top of the storm than is being sucked inward, air pressure drops even further.

04 Which of the following is the best title of the passage? [1점]

① What Prevents Bomb Cyclones?
② How Do Bomb Cyclones Form?
③ How Strong Is a Bomb Cyclone?
④ How Long Does a Bomb Cyclone Last?
⑤ Why Do People Call It a Bomb Cyclone?

[05] 197 words

The beach is a wonderful escape from daily life. It lends the sense that one is indeed on vacation, even if one is merely a short drive from home. While lying on the beach, to-dos and calendar invites and work-related notifications drift and disappear into the crashing waves; wine surreptitiously transported in a Gatorade container tastes like you imagine it does in photos of people on vacation in Hawaii; and you get the sense that, even with all the hardships, life may actually be beautiful. Then you have to leave.

The good vibes fade almost immediately upon leaving the beach, replaced instead with the distinct rage of finding that everything you own is now covered in one-hundred-million pieces of sand, sand that has since turned into an impossible-to-remove, glue-like substance. It covers your feet and your legs, it's on your neck and in your hair, it's on your phone and your keys and your bag and your magazine, it's all over your car, it's in your kitchen and your breakfast cereal somehow; it's most certainly in your bathroom, and now your feet are re-sanded after every subsequent shower. You say, "I'm never going back to the beach."

05 How does the tone change from the first paragraph to the next one? [1.5점]

① delighted — sad ② excited — fearful ③ happy — annoyed
④ anxious — amazed ⑤ disappointed — joyful

[06] 164 words

More than half of Americans routinely take prescription or over-the-counter drugs, but women tend to experience side effects at up to twice the rate of men, according to the U.S. Food and Drug Administration (FDA). The difference historically has been attributed to biological sex differences, but a new study published in Social Science and Medicine debunks that view, proposing instead a set of gender-based social factors that better explain observed disparities. "For a long time, the pattern in biomedical research has been to observe a sex disparity in outcomes, and to infer that this is due to biology," said Sarah Richardson, leader of the research team. "We would like to accelerate the consideration of social and other variables as factors in producing those disparities." The researchers used publicly available data from the FDA Adverse Event Reporting System, where people who are harmed by drugs can report incidents. Their gender hypothesis around the sex disparity in adverse drug events proposes a series of explanations.

06 Which of the following least likely belongs to the underlined explanations? [2점]

① Women are more likely than men to engage in "health-seeking behaviors" as caretakers: for example, women more actively take prescription drugs or see a doctor.
② Women are more likely to face bias and discrimination in the clinic, negatively affecting the likelihood that they will be diagnosed with a condition or be treated properly.
③ Gender stereotypes, stigma, identities, and social norms influence how events are subjectively experienced, and women tend to take weight gain or hair loss as more serious adverse event than men do.
④ Genetic and hormonal differences between men and women contribute to many sex-specific illnesses and disorders, and treatments must take this into account.
⑤ Women are more likely than men to live in poverty, and to encounter sexual harassment and violence at home and work, all of which are associated with mental and physical health problems.

[07] 190 words

A soda lake is a lake with a pH value of more than the normal measure of 6 or 7, usually between 9 and 11. High carbonate concentration, especially sodium carbonate, is responsible for the alkalinity of the water. A soda lake may also contain a high concentration of sodium chloride and other salts making it saline or hypersaline lake. Soda lakes occur naturally in both arid and semi-arid areas. They are highly productive ecosystems compared to the freshwater lakes, and are therefore the most productive aquatic environment on Earth. Multicellular organisms such as brine shrimp and fish are found in plenty in the soda lakes. The microorganisms in these lakes are good sources of food for some of the animals including flamingos and other birds. Africa and Asia have the highest number of soda lakes since the two continents have vast desert conditions which are perfect for the formation of soda lakes. Lake Natron in Tanzania is one of the most outstanding soda lakes in Africa because of the high pH of water which is always about 12. The lake is a regular feeding ground for the majority of the 2.5 million East Africa's flamingos.

07 Which of the following is stated or implied in the passage? [1.5점]

① The water of soda lakes has no sodium chloride.
② Soda lakes are likely to be formed in a dry climate.
③ The pH of the water in a soda lake is usually 6-7.
④ Freshwater lakes are better ecosystems than soda lakes.
⑤ Flamingos come to Lake Natron to seek alkalinity-free water.

[08] 184 words

Pink-haired Aitana Lopez is followed by more than 200,000 people on social media. While she posts selfies from concerts and her bedroom, brands have paid about $1,000 a post for her to promote their products on social media — despite the fact that she is entirely fictional. Aitana is a "virtual influencer" created using artificial intelligence tools, one of the hundreds of digital avatars that have broken into the growing $21 billion content creator economy.

Their emergence has made human influencers worry that their income is being shrunken due to digital rivals. The same concern is shared by people in more established professions that their livelihoods are under threat from generative AI-technology that can spew out human-like text, images and code in seconds.

Human influencers contend that their virtual counterparts should have to disclose that they are not real. "What freaks me out about these influencers is how hard it is to tell they're fake," said Danae Mercer, a content creator with more than 2 million followers. Many other markets are contending with the problem, with India being one country that forces virtual influencers to reveal their AI origins.

08 Which of the following is stated or implied in the passage? [1.5점]

① Influencers are disrupting the market by overcharging.
② Brands are turning to AI-generated influencers for promotions.
③ Virtual influencers are becoming illegal in many countries.
④ Virtual influencers pose a threat to luxury brands.
⑤ Influencers have a lot of negative associations related to being fake or superficial.

[09] 189 words

A London-based pizza chef, Michele Pascarella, just won Global Pizza Maker of the Year. So what are his tips to making the best pizza in the world? Pascarella's restaurant rotates its menu throughout the year, using whatever ingredients are in season. "It's very important, because when you use seasonal ingredients, you pay less money and they're better," he says. Pascarella also believes the best pizzas only have a few ingredients. "When you do this kind of job, you learn to appreciate the simple ingredients," he said. "For good pizza chefs, the best plate is the simple one." If you're making it at home and don't have all the equipment a pizzeria has, he also has a tip for you: put a little more water in the dough. "If you use 1 kilogram flour, it's better to use 700 grams of water," he said. Interestingly, Pascarella says no fruit. "I don't really like pineapple on pizzas," he stresses. Sorry to all the pineapple-on-pizza fans. Lastly, "in this job, you never learn enough," he said. "Every day we can learn something." Pascarella said his goal is to keep making new pizza every day.

09 Which of the following is <u>not</u> a fitting summary of the chef's tips to making the best pizza? [1.5점]

① Keep it simple ② Keep experimenting ③ Adjust for home cooking
④ Work with seasonal products ⑤ Believe in the power of fruits

[10] 156 words

The Godzilla story began in 1954 with the release of the original film by Toho Studios. Since then, there have been 32 live-action films made in Japan and Hollywood, including "Godzilla vs. Kong." The first movie established that Godzilla was a dinosaur from the Jurassic period that lived in the Pacific Ocean and was mutated by American H-bomb testing in the South Pacific, becoming a monstrous and radioactive creature. The core narrative of the films had Godzilla attack Tokyo or other cities.

Then starting in the 1960's, Godzilla starts fighting other monsters that come from other islands in the South Pacific, emerge from the ocean, or invade from space. The subsequent movies follow a formulaic pattern: Godzilla fights other monsters, they destroy Japanese cities, and then Godzilla usually wins, making the world safe again. This has made Godzilla one of the most well-known icons globally, going from a dark and menacing presence to a heroic figure and protector.

10 Which of the following is <u>not</u> stated or implied in the passage? [2점]

① Godzilla films started out as a story of a national hero.
② Godzilla films have become popular outside Japan as well.
③ The image of Godzilla over time has changed substantially.
④ Almost always a Japanese city or two would get destroyed in a Godzilla movie.
⑤ There was an anti-American sentiment in the evolution of the Godzilla story.

[11] 110 words

One of the oldest and most universally observed traditions, New Year's Eve festivities are celebrated across a variety of social, cultural, and religious groups. [A] The earliest known records of New Year's celebrations can be traced back to the Babylonians and Assyrians of Mesopotamia about 2000 BCE. [B] Other ancient cultures celebrated the holiday with practices and symbols that are still used today. [C] Many cultures began to celebrate New Year's Eve on December 31 after the Gregorian calendar was established in 1582. [D] However, cultures that follow a lunar calendar celebrate the start of the new year at a different time, including February in Tibet and March or April in Thailand. [E]

11 Which of the following is the best place for the sentence in the box? [1점]

> For example, in ancient Greece the old year was represented by an old man, while a baby symbolized the upcoming new year.

① [A] ② [B] ③ [C] ④ [D] ⑤ [E]

[12] 213 words

America has a new epidemic. It can't be treated using traditional therapies even though it has debilitating and even deadly consequences. The problem seeping in at the corners of our communities is loneliness. [A] Loneliness is detrimental to mental and physical health leading to an increased risk of heart disease, dementia, stroke and premature death. As researchers track record levels of loneliness, public health leaders are banding together to develop a public health framework to address the epidemic. [B] Loneliness occurs when the connections a person needs in life are greater than the connections he or she has. Some may experience psychological loneliness when they don't feel like they have anyone to confide in or trust. [C] Societal loneliness is feeling systemically excluded because of a group characteristic, including gender, race, or disability. Existential or spiritual loneliness comes from feeling disconnected from oneself. [D] Self-reported feelings of loneliness decreased to 34% in January 2023, and the problem is not as severe as it was during the pandemic. Loneliness is experienced throughout a person's lifespan and it can spiral as a result of trauma, illness and the effects of aging. [E] It can also be exacerbated by technology taking the place of human interaction, which helps explain why young people report the highest rates of loneliness.

12 Which of the following does not fit in the passage? [1.5점]

① [A] ② [B] ③ [C] ④ [D] ⑤ [E]

[13-14] Choose the best order for a passage starting with the given sentences in the box. 198 words

Indigenous Peoples' Day is a holiday in the United States that takes place on the second Monday of October. The day honors the Indigenous peoples of the U.S. — American Indians, Native Alaskans, and Native Hawaiians, most of whom were violently uprooted and exploited beginning with the arrival of Europeans in the Americas. It celebrates diversity and also reflects on the historical mistreatment of Indigenous peoples.

[A] They have called attention to the violence that Columbus and his crew carried out against the Indigenous peoples. They have also noted the long-lasting impact of European colonization, which began with Columbus's voyages.

[B] In the 21st century many more states and cities have begun to observe Indigenous Peoples' Day on the second Monday in October, either in place of or in addition to Columbus Day.

[C] In recent decades, however, a growing number of Indigenous activists and their supporters have protested the holiday for ignoring the point of view of Indigenous Americans.

[D] Indigenous Peoples' Day arose as a response to Columbus Day, a holiday that commemorates the arrival of Christopher Columbus in the Americas in 1492. That holiday has celebrated the explorer for opening the New World to European settlement.

13 ① [B] — [A] — [C] — [D] ② [B] — [C] — [A] — [D] ③ [D] — [B] — [C] — [A] [1.5점]
④ [A] — [B] — [C] — [D] ⑤ [D] — [C] — [A] — [B]

[14] 170 words

As Gen Z grow up, their dollars matter more and more in the global economy. This generation, born between 1997 and 2012, represents an estimated $450 billion in spending power across the world — with $360 billion in the U.S. alone, according to some estimates.

[A] Part of this choosiness is because of how much and how hard they're working to have discretionary income in the first place. Money is a daily concern for Gen Z, especially right now.

[B] These young people not only have this money — experts say they're also willing to spend it, even amid a period of high financial anxiety. However, Gen Z's buying patterns are different than the generations that came before them.

[C] They're not simply spending on whatever they want the moment they think of it; instead, they're being extremely deliberate with who gets their dollars, and when.

[D] Not only are most of them still on entry-level salaries, but they are also having to stretch their paychecks during a period of spiking inflation and high cost-of-living.

14 ① [A] — [B] — [D] — [C] ② [D] — [A] — [C] — [B] ③ [B] — [C] — [A] — [D] [2점]
④ [C] — [D] — [A] — [B] ⑤ [B] — [D] — [A] — [C]

[15-16] Read the passage and answer the questions. 144 words

Frederick Douglass was born into slavery in Maryland in 1818. The wife of Douglass' owner taught him to read and he began making contacts with educated free Blacks. He escaped to New York around age twenty and continued his self-education. In the early 1840s, the anti-slavery movement was gaining momentum. From 1841 to 1845, Douglass traveled extensively through the northern states, speaking on the injustice and brutality of slavery. Many Americans couldn't believe that such an eloquent and intelligent Black man had so recently been a slave. Douglass' Narrative of the Life of Frederick Douglass, written in 1845, recounts his own life experiences and emphasizes _____ as a significant means with which to bring down slavery. Douglass argues that slave owners — even those that present themselves as devout and pious — face a corruption of values that includes the effort to dehumanize enslaved people by keeping them illiterate and uneducated.

15 Which of the following is most appropriate for the blank? [1.5점]

① law ② labor ③ religion ④ property ⑤ education

16 Which of the following is not stated or implied about Frederick Douglass in the passage? [1.5점]

① He ran away from his owner.
② He wrote an autobiographical book.
③ He made an anti-slavery public speech.
④ He was a slave from the moment he was born.
⑤ He supported devout and pious slave owners.

[17-18] Read the passage and answer the questions. 189 words

There are several possible explanations for why dairy fats may not be as harmful as previously thought — and may even be healthful. Among the various types of saturated fats that can be found in foods, dairy products contain certain ones that appear to be neutral or beneficial for health, including those linked to reduced risks of Type 2 diabetes and coronary heart disease. Milk fat is also naturally packaged in a unique structure called the milk fat globule membrane. Components of this structure can help bind cholesterol in the digestive tract, potentially improving blood cholesterol levels. It's also becoming clear that certain types of dairy foods may be better for you than others. _____, yogurt and cheese appear to be most associated with health benefits. This may be because both are fermented foods, which can supply good bacteria to your gut. They also contain other beneficial molecules made during fermentation, including vitamin K, which is linked to heart health. Harder cheeses like Cheddar and Parmesan also seem to result in a more gradual absorption of fats into the blood than softer cheeses and butter, which can help you feel fuller longer.

17 Which of the following is most appropriate for the blank? [1.5점]

① However ② Rarely ③ For instance ④ Instead ⑤ Unfortunately

18 Which of the following is stated or implied in the passage? [1.5점]

① Dairy fats can be beneficial for health.
② Low-fat milk is not better than whole milk.
③ Milk provides more beneficial bacteria than yogurt.
④ Harder cheeses are harmful to health.
⑤ Softer cheeses help us feel fuller longer.

[19-20] Read the passage and answer the questions. 220 words

Finding dead seals along California's coast is not new in itself. The marine mammals get sick, are stillborn or even wash ashore after being fatally struck by a boat. But decapitated seals? That was something new for North Coast ecologists. Again and again since 2015, the mysterious and gruesome deaths kept occurring, primarily involving harbor seal pups at MacKerricher State Park. Ecologist Frankie Gerraty started hearing about the decapitated harbor seals and tried to understand the phenomenon, only with clues, not any confirmation. "I went from domestic dogs to eagles... what is doing this?" he said. "It's my job to really be a(n) _____ and look into these carcasses and try to figure out what is going on with them." Actually, he had a hunch it could be coyotes because they spend a lot of time on beaches. But when he saw one of the headless seals up close, he thought the cut along the neck was too clean to be a coyote's work, and worried it might even be a human's. Then the video footage proved him wrong. A wildlife camera was set up near MacKerricher State Park, and Gerraty captured a coyote dragging a freshly killed seal into the camera view, proceeding to take its head off. So, researchers have finally solved the years-long mystery of the headless seals.

19 Which of the following is most appropriate for the blank? [1점]

① artist ② detective ③ predator ④ priest ⑤ undertaker

20 Which of the following is stated or implied in the passage? [1.5점]

① Dogs killed harbor seal pups.
② Finding dead seals on the beach was an unusual event.
③ A coyote was on the researcher's list of potential culprits.
④ The head cut of the seals was done by a human.
⑤ A freshly killed coyote was captured in the video footage.

[21-24] Choose the most appropriate one for each blank. 100 words

One of the ways we can rest is by _____. That means occasionally putting down the smartphone and closing up the laptop. Temporarily reducing our time in front of the screen, otherwise known as a digital detox, is good for our health. So in your free time, avoid the urge to check your work email every five minutes. If you're on a walk to the park or standing in line for a cup of coffee, avoid the temptation of pulling out your phone to check your social media pages. Just allow your mind to drift and see where it takes you.

21 ① taking a short nap ② steering clear of the screen ③ avoiding a busy schedule [1.6점]
④ staying digitally connected ⑤ turning to the wilderness

[22] 96 words

In the United States, cabbage will probably never be voted most popular vegetable — not even in winter when it's at its best. _____. The French like them so much that they call their sweethearts "petits choux," or little cabbages. In Greek mythology, cabbages sprang from the tears of Lycurgus, king of Thrace, after he was driven mad by Dionysus, god of wine; thus, they were considered a remedy for drunkenness. In Egypt cabbage was worshipped as a god and, to show their great respect for the vegetable, it was the first dish Egyptians touched at their banquets.

22 [2.2점]
① Also, cabbages may be available year-round
② Yet cabbages are admired in other cultures
③ Likewise, cabbages vary in color and shape
④ There are a lot of nutritional benefits in cabbages
⑤ Few people like cabbages no matter how they are cooked

[23] 109 words

The new world is dynamic and unpredictable. Old approaches will no more be efficient to meet the needs of the rising challenges. The research shows that currently, 21% of businesses have reported using their resources to _____ of their employees. Going forward, this can be the best possible time to learn new skills and adapt to the changing business environment. Despite the various challenges posed by emerging trends in business, the job seekers and graduates will have the necessary time to upgrade to these new skillsets that are highly in demand while going through the hiring process. However, one thing remains the same through all times: the commitment to lifetime learning.

23 [2.4점]
① promote the re-skilling and up-skilling
② encourage the traditional knowledge
③ support the work-life balance
④ demand the lifetime loyalty
⑤ downsize the number

[24] 139 words

When you hear stories of great warriors, typically they are stories about men. However, throughout history, there have been great women warriors who have Ⓐ_____ gender norms and fought for change in their communities. Fu Hao was a warrior from the Shang dynasty who lived during the 13th century BC. She was one of King Wu Ding's 64 wives and became the second most powerful person. From an early age, she had military training. One of Fu Hao's first battles was against the Tu Fang in Shang territory. Leading her troops into battle, she defeated the Tu Fang. Later she commanded the largest army in ancient Chinese history, with an estimated 13,000 men. She even had her own private troops. At the age of 33, she fell ill and died. Buried in the tomb with her are over 130 weapons that Ⓑ_____ her military strength.

24 [1.8점]
① obeyed — refute
② complied — prove
③ refused — contradict
④ shattered — demonstrate
⑤ authorized — bear witness to

[25] 169 words

When it comes to cold or COVID symptoms, there's something about a cough that can be very frustrating. A cough is uncomfortable, but it can also be disruptive when it just won't quit. A cough isn't necessarily something you should just shrug off. A simple way to ease a cough is with salt water. Salt can kill bacteria and it's also soothing. However, salt doesn't kill viruses, so it may not help you heal your cough faster. Ginger is well known for its power in calming an upset stomach. It can also work wonders for a cough. Pepcid, Prilosec, or other antacids can relieve acid reflux and mitigate any associated coughs. If you find it to be a chronic issue, making certain dietary changes may help, such as avoiding citrus, chocolate, high-fat foods and incorporating high-fiber foods into your diet, like brown rice, celery, and lettuce. You may also want to drink lots of water and keep your portions small at meals if your coughs are due to reflux.

25 Which of the following is the best title of the passage? [1.6점]

① How To Eat Healthy
② Health Risks of a Cough
③ How To Get Rid of a Cough
④ Potential Triggers of a Cough
⑤ Differences between COVID and Cold

[26] 144 words

In 1888, the process of awarding the prestigious Bowdoin Prize began routinely: Harvard students anonymously submitted their best essays in hopes of receiving the honor and impressive sum of as much as $100. Contest judges also assessed essays submitted by female students at the University's "Annex" (later Radcliffe College), but the winners didn't receive University recognition or funds — an outside donor supplied an award of $30. The men's and women's papers were somehow submitted together that year, and a classics essay called "The Roman Senate Under the Empire" by E.B. Pearson received top prize. It was quickly discovered that Pearson was actually Miss E.B. Pearson. The faculty swiftly ruled out her piece for contention, and the runner-up (a man) received $75 in her stead. Pearson received the $30 Annex prize, "thus paying $70 outright for being a woman," according to a Boston Post newspaper article from the time.

26 Which of the following is stated or implied in the passage? [2.2점]

① Pearson submitted the essay as an act of rebellion.
② In the 1888 contest, the first prize winner received $100 and the second $75.
③ Judges at first made a wrong assumption about the identity of the essay writer.
④ E.B. Pearson did not actually write "The Roman Senate Under the Empire."
⑤ The Boston Post newspaper article criticized the contest judges for awarding a woman too much money.

[27] 99 words

Danny got turned around with some difficulty and crawled back along the length of the concrete tunnel. He had just reached the end, the cold spill of light coming down from above when the snow did give in, a minor fall, but enough to powder his face and clog the opening he had wriggled down through and leave him in darkness. At the far end of the tunnel, Danny heard the stealthy crackle of dead leaves as something came for him on its hands and knees. At any moment he would feel its cold hand close over his ankle.

27 Which of the following best describes the mood of the passage? [2.2점]

① relaxing ② scary ③ hilarious ④ boring ⑤ depressing

[28] 249 words

I donated a kidney to Ⓐ a stranger. I can survive with just one so I didn't see any reason not to donate the other. People kept saying it was a crazy thing to do, or that it was too dangerous. Not everyone thinks like me, so not many people must be doing this, which made me more determined to help. I was in hospital for three days, sat on the sofa for one more, then got back to normal life. A month later, the hospital got an email from Ⓑ a stranger, the person who received my kidney. "Hi, I'm the guy who has got your kidney," it said. You are told that whoever you donate to might not get in contact, so I wasn't expecting to hear from Ⓒ him but I was so happy that he was doing so well. We wrote a lot and got to know each other, I was fascinated to hear all about his life. My husband and I went down to meet him in Folkestone, where he was living with his wife, and we went for a swim in the sea and drank Champagne. I would have been happy for anyone to get my kidney, but it was the cherry on the top that it went to Ⓓ the nicest person and now we are good friends. In October, I ran the York marathon and Stuart came to support me and he met Ⓔ my dad, who now completely understands why I gave my kidney away.

28 Which one refers to a different person from the others in the passage? [1.8점]

Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ

[29] 119 words

The most massive construction project of Roman Empire in Britain was the huge northern frontier wall, started in AD 122 and some six years in the building. The great wall was the work of the emperor Hadrian, a patient and thorough man who spent half of his twenty-one-year reign systematically traveling the boundaries of his vast empire, sorting out problems. In Britain, Rome's problem was the warlike peoples in the north of the island whom the Roman army had found it impossible to subdue. Running seventy-three miles from the River Tyne on the east coast to the Solway Firth on the west, Hadrian's Wall was a huge stone-faced rampart with a succession of full scale frontier forts along its length.

29 Which of the following is not stated about the wall in the passage? [1.8점]

① Who built it ② How it was built ③ How long it was
④ When it was built ⑤ Where it was located

[30] 97 words

The symptoms of depression and burnout can be challenging to distinguish: both may cause you to sleep too much or too little, or to struggle to focus. But depression is a diagnosable medical condition, whereas burnout is not. With burnout, you might feel overwhelmed by unrelenting tasks at work, leading to feelings of cynicism, depletion and resentment of your job, which might cause a lack of energy for your hobbies. With depression, on the other hand, you might not find your hobbies enjoyable at all. Or you might isolate yourself or neglect your hygiene and physical health.

30 What is mainly discussed in the passage? [1.6점]

① How to overcome depression ② The physical signs of burnout
③ Steps to improve mental health ④ The effects of burnout on depression
⑤ Differences between burnout and depression

[31] 207 words

Imagine that you have stomachache and you go to the doctor. The doctor would ask you to describe your symptoms and also to describe the relevant background to your symptoms. You would probably be asked such questions as: When did the trouble start? Have you eaten anything that might have caused it? Has it affected your appetite? [A] By investigating the medical history relevant to your present state, the doctor can learn more about your stomachache. [B] I say relevant because obviously a doctor would not ask you such a question as: Has your big toe been hurting? [C] By investigating the history that is relevant to the present state of the English language, we can gain insight into the language, and we can begin to explain how it got to be as it is. [D] For example, we can explain why it is that we have such apparently crazy spelling; how it is that words come into existence; why it is that sometimes we seem to have a choice of words to express more or less the same thing; and so on. [E] By looking at how English has changed, and the factors that have influenced those changes, we can begin to answer questions like these.

31 Which of the following is the best place in the passage for the sentence in the box? [2.2점]

The case with language is similar.

① [A] ② [B] ③ [C] ④ [D] ⑤ [E]

[32] 244 words

The response to the idea of work from home has been mixed among executives, with many claiming that less time in the office means less collaboration, weaker ties with colleagues, and fewer learning opportunities. It's an argument not without merit. According to a recent study called "The Power of Proximity to Coworkers," beneficial teamwork and important collaborations suffer when employees work from home. Moreover, younger employees, particularly women, may be hurt most by remote work. [A] In the study, which focused on a group of software engineers at a Fortune 500 company, engineers working in the same building as all their teammates received a 23 percent more online feedback on their codes than engineers with distant teammates. [B] Young women engineers were especially more likely to ask follow-up questions when working in person, focusing on particular problems in their programming. In remote scenarios, that back-and-forth dynamic vanished. [C] The productivity of engineers working remote and away from the disruptions caused by co-workers nearby is surprisingly high which leads to more promotions, pay raises and top evaluations in the long run. [D] Their paper notes that going remote made engineers under 30 five times more likely to quit than when working in the same building as their co-workers, and female engineers four times more likely to quit. [E] The paper also identifies a tradeoff. For senior engineers, onsite work reduced coding output by 21 percent, possibly because more of their time was devoted to giving feedback to younger colleagues.

32 Which of the following does not fit in the passage? [2.4점]

① [A] ② [B] ③ [C] ④ [D] ⑤ [E]

[33] 139 words

As social beings, humans are wired to forge strong bonds with groups that could help us survive against outside threats, research shows. It's a natural evolutionary impulse.

[A] For example, if someone sees a comrade in pain — a fellow member of one's group — the brain will react with empathy. "My brain would simulate the suffering of the other person by reactivating how I feel when I am feeling bad," Klimecki explains.

[B] But, instead, if it is an adversary experiencing pain, not only is the same empathetic region of the brain not as active, she says, "we also sometimes see more activation related to schadenfreude, that is, malicious joy."

[C] Olga Klimecki, a neurology researcher and lecturer at the University of Jena in Germany, says brain scans show how powerfully social identity can shape our emotional response to situations.

33 Which of the following is the best order for a passage starting with the given sentences in the box? [2.4점]

① [A] — [B] — [C] ② [B] — [C] — [A] ③ [C] — [A] — [B] ④ [A] — [C] — [B] ⑤ [C] — [B] — [A]

[34] 91 words

Many professional window washers have some unusual stories to tell. A guy named Mirko working for Sunstruck Window Cleaning said about a time he was cleaning large panels of glass at an office that hadn't been cleaned for a long time: "When I had almost finished, one of the employees walked into the glass thinking there was nothing there, and broke his nose. It was funny and horrific at the same time. He was so embarrassed. To remedy the situation, I said to him: 'That's the best _____ you can give me.'"

34 Which of the following is most appropriate for the blank? [1.6점]

① compliment ② explanation ③ advice ④ therapy ⑤ offer

[35-36] Read the passage and answer the questions. 167 words

In a scene from the 1993 film Jurassic Park, two scientists who study fossils brush sand away from the skeleton of a Velociraptor. While the scene is full of iconic imagery, I would like to point out that it gets a few things wrong about what it's actually like to dig up dinosaurs. When you discover a dinosaur skeleton, you assess what material is already exposed. It would likely emerge that the skeleton is at least partially disarticulated, meaning that the various bones have been jumbled up and are not nicely assembled into a skeleton. It is highly unlikely that more than a small amount of the dinosaur's skeleton would even be preserved. When animals die, their soft tissue rots away, leaving behind a hard skeleton. However, this leaves nothing behind to hold it together. Scavenging animals, wind, and water move the bones around before they are covered with sediment and fossilized. The skeletons we find are almost never as neatly preserved as the Velociraptor in Jurassic Park.

35 What is the writer most likely to be? [1.6점]

① an actor ② a historian ③ a park ranger ④ a film director ⑤ a paleontologist

36 What is the consequence of the underlined part? [2.4점]

① reinforcement ② fossilization ③ expedition ④ disarticulation ⑤ arrangement

[37-38] Read the passage and answer the questions. 201 words

Boredom has a negative reputation for a reason. At work, it's often viewed as a counterproductive state that ignites discomfort, desperation for a new role, or perhaps simply a desire for the day to end. Boredom at work has been linked to risky decision-making, costly mistakes, and accidents triggered by inattention or lack of focus — and that's not to mention the fatigue that being bored can generate. Boredom can also incite other types of problematic behavior, such as "cyberloafing" (that is, non-work-related browsing) and childish emotional responses. Prolonged exposure to monotonous activities can even cause hallucinations. _____, one recent study found a linkage between boredom at work and burnout, as well as decreases in job satisfaction and increased desire to quit.

On the flip side, recent research shows that boredom — when handled constructively — has big "bright sides." Moments of boredom can offer a pause, or a short respite for your brain and body in a world designed to distract, overwhelm, and overstimulate. A sense of boredom can create the space to daydream, which can hatch creativity, new ideas, and innovation. Prolonged boredom can prompt you to reflect and ask yourself, "Am I on the right path? Am I doing the right thing?"

37 Which of the following is most appropriate for the blank? [2.4점]

① In addition ② Otherwise ③ By contrast ④ Ironically ⑤ Regardless

38 What is mainly discussed in the passage? [1.8점]

① The causes of workplace boredom
② The benefits of being bored at work
③ The problems of cyberloafing
④ The pros and cons of workplace boredom
⑤ The extent of monotony in workplace

[39-40] Read the passage and answer the questions. 232 words

For the last 50 years or so, researchers have demonstrated that exposure to gas stoves can be harmful to humans. When you use a gas stove, it emits poisonous gases called nitrogen oxides, including nitrogen dioxide, a respiratory irritant thought to trigger asthma. A study published last year found that families who use gas stoves in homes with poor ventilation, or without range hoods, can blow past the national standard for safe hourly outdoor exposure to nitrogen oxides within just a few minutes; there are no agreed upon standards for nitrogen oxides in indoor air. [A] Rates of nitrogen oxide emission levels were in direct proportion to the amount of gas the stove was burning. [B] Another research suggested that gas-burning stoves may be linked to nearly 13 percent of childhood cases of asthma in the U.S. [C] There's more data on how gas stoves affect children than there is on how they affect adults. The same research showed adults with asthma may also be susceptible to worsened symptoms. [D]

Experts say the average person should use caution with gas stoves, but these findings don't necessarily mean you will get sick. Some people may consider switching from a gas stove to an induction range when they are in the market for a new appliance. [E] For those with a gas stove currently, here are a few simple ways to mitigate potential health risks.

39 Which of the following is the best place in the passage for the sentences in the box? [2.2점]

> In addition to asthma, there are other health dangers associated with gas stoves. Researchers who collected 234 samples of unburned natural gas from 69 homes around Boston found 21 toxic pollutants in the gas, including benzene.

① [A] ② [B] ③ [C] ④ [D] ⑤ [E]

40 Which of the following will be discussed right after the passage? [1.8점]

① Results of exposure to gas stoves
② How to purchase kitchen appliances
③ Types of pollutants gas stoves emit
④ Merits of using an induction range
⑤ How to lower the health risks of gas stoves

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06 ① ② ③ ④ ⑤	16 ① ② ③ ④ ⑤	26 ① ② ③ ④ ⑤	36 ① ② ③ ④ ⑤
07 ① ② ③ ④ ⑤	17 ① ② ③ ④ ⑤	27 ① ② ③ ④ ⑤	37 ① ② ③ ④ ⑤
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10 ① ② ③ ④ ⑤	20 ① ② ③ ④ ⑤	30 ① ② ③ ④ ⑤	40 ① ② ③ ④ ⑤