

* 1번부터 5번까지는 문항당 2점, 6번부터 15번까지는 3점, 16번부터 24번까지는 4점, 25번부터 26번까지는 5점, 27번부터 30번까지는 3.5점입니다.

[1-3] Choose the one that has the closest meaning to the underlined word.

1. It is no secret that as muscles age, their cells lose the ability to regenerate and heal after injury.

- ① refresh
- ② redirect
- ③ recycle
- ④ recreate

2. The war-stricken country is in danger of becoming another failed state because civil society is disintegrating amid a proliferation of armed groups.

- ① struggling
- ② destroying
- ③ collapsing
- ④ neglecting

3. Under the selection pressure of cancer therapies, tumor cells undergo a veritable evolution to adapt to the changing conditions—and often escape the effects of therapy as a result.

- ① real
- ② swift
- ③ unbeatable
- ④ spontaneous

[4-5] Choose the one that best fills in the blank.

4. Unlike the most widely used reusable toothbrushes, a chewable toothbrush is _____. It is a miniature plastic molded toothbrush which can be placed inside the mouth and chewed like a chewing gum. While not commonly used, it is useful to travelers. It is spat out after use.

- ① generic
- ② disposable
- ③ common
- ④ prevalent

5. A significant change of World War II is that after the war many colonies were granted _____ and became independent nations.

- ① consent
- ② coalition
- ③ autonomy
- ④ acceptance

[6-10] Choose the part that is not grammatically acceptable.

6. In 1986, the Chernobyl nuclear disaster in Ukraine ①dominated the world's attention. As the magnitude of the catastrophe became apparent, ②officials scrambled to the critically essential task of containing the radiation. Lethal gamma rays from highly radioactive debris ③kept destroying the robots deployed to clean up the mess. So thousands of heroic individuals became "Chernobyl liquidators," ④disposed of the hazardous material in "shifts" of ninety seconds or less. People did what technology could not, at great personal risk.

7. The essence of humor is incongruity, ①which is seen at its crudest when someone slips on a banana-skin. Human beings are ②meant to walk upright; when they are suddenly thrown into a horizontal position, the instinct of a spectator is to laugh—unless the person has bothered to think how ③is it unpleasant to fall, or ④how tedious and overworked the banana-skin-type joke is.

8. There's plenty about the U.S.A. that will ①amaze and awe you. For instance, the current 50-star flag was designed ②as part of a high school project by 17-year-old Robert Heft. It was 1958, and there were only 48 states at the time, but Heft had a hunch Hawaii and Alaska would ③soon be granted statehood. His teacher gave him a grade of B– but updated the grade to an A after Heft submitted his design to the White House, eventually leading to a call from President Eisenhower that it ④had selected as the official U.S. flag.

9. The earliest substantial work in the field of artificial intelligence was done by ①the British logician and computer pioneer Alan Mathison Turing. In 1935 Turing described an abstract computing machine ②consisting a limitless memory and a scanner that moves back and forth through the memory, symbol by symbol, reading what it ③finds and writing further symbols. The actions of the scanner are dictated by a program of instructions that ④also is stored in the memory in the form of symbols.

10. It is impossible to begin this lecture ①without again expressing my deep appreciation to the Nobel Committee ②for bestowing me and the civil rights movement in the United States ③such a great honor. Occasionally in life there are those moments of unutterable fulfillment which cannot be completely explained by those ④symbols called words. Their meaning can only be articulated by the inaudible language of the heart. Such is the moment I am presently experiencing.

[11-15] Choose the one that best fills in the blank.

11. No one can learn to write by reading any or even all of the how-to-do-it books available on the subject. Writing well enough to be readily understood is something anyone could do. The reason that not many do write well consistently is that most would-be writers are looking for the secret or the inspiration. About the first, they are misinformed; about the second, they are simply attempting to rationalize away laziness. There are no secrets. No one is inherently more talented than any other person to write in such a way as to be readily understood. Writing is like golfing or tennis or chess: you might have 'beginner's luck,' but consistently good performance requires study and practice. Writing well, like doing anything well, _____.

- ① requires effort
- ② requires aptitude
- ③ comes from inspiration
- ④ comes from extensive reading

12. Living creatures, which thrive all the most because of the slight changes in their environments, are likely to be destroyed if these changes come over them quickly on too large a scale. That is way some species of animals die out. The same thing applies to human creatures: _____.

- ① changes too abrupt and massive kill them
- ② slight changes can quickly accumulate over time
- ③ many homo species became extinct due to many slight changes
- ④ they will suffer extinction if slow yet constant global warming goes on

13. Washing your hands is a given if you want to avoid germs—but it's especially important after touching certain microbe magnets. Of course, it's impossible to keep your hands 100 percent germ-free at all times, but it's absolutely essential after touching certain things. For instance, these days you can use a debit or credit card for most purchases, but sometimes you just need to handle cash. When you do, be sure to wash your hands as soon as possible. Researchers tested \$1 bills from a New York City bank and found hundreds of microorganisms, including bacteria, and DNA from pets and viruses. Similar research has shown some cash and coins even contain pathogens like E. coli and salmonella. Germs accumulate as the money is circulated. There is no way of knowing _____.

- ① which bank notes are most seriously germ-ridden
- ② which of the two—a bank note or a credit card—has more germs
- ③ how many germs are hiding in your wallet right now
- ④ how many years bank notes are circulated on average

14. If you desire to know or learn anything to your advantage, then take delight in being unknown and unrecognized. A true understanding and humble estimate of oneself is the highest and most valuable of all lessons. To take no account of oneself, but always to think well and highly of others is the highest wisdom. Should you see another person openly doing evil, do not on that account _____, for you cannot tell how long you will remain in a state of grace. We are all frail; consider no one frailer than yourself.

- ① follow what the person is doing
- ② stop learning from other people
- ③ regard yourself as liable to evil-doing
- ④ consider yourself better than the person

15. If we could only do as we pleased and get away with that without any censorious comments from our fellow creatures, there would be many more philandering husbands and wives than there are, many more girls wandering down the primrose path, many more neglected children and ill-kept houses. It is the knowledge that, if they give way to their natural impulses, they will be talked about, which gives many would-be sinners _____.

- ① the chance to think about gains and losses of being a good citizen
- ② the thought of consequences of the sins they have committed in secret
- ③ the fear that they would be hated if they do not hide the dirty secrets
- ④ the strength to resist the temptation to be as bad as they would like to be

16. Which of the following is not true of the passage?

Have you noticed that 60 degrees doesn't feel the exact same in fall as it does in spring? The real-world number is officially known as the "feels-like temperature." The same temperature can feel completely different for a few reasons. First of all, higher humidity makes it feel warmer. Spring and summer are stickier. Extra moisture into the atmosphere raises the humidity and dew point. The dew point tells us how much moisture the air can hold before it feels muggy and when it's high, sweat doesn't evaporate as easily, making us feel warmer and more uncomfortable even at lower temperatures. In addition, the previous season matters. Your body gets acclimated to the season you just went through. If it's early fall and you're coming off hot summer temperatures, 60 degrees in the middle of the afternoon may be jarring enough to make you reach for a light jacket. On the other hand, spring's first 60s in the afternoon may make you so excited that you might celebrate by going outside without a jacket.

- ① Moisture in the air makes the feels-like temperature go up.
- ② Sweat evaporation becomes slower at a high dew point.
- ③ The dew point is invariable and unaffected by the season.
- ④ The feels-like temperatures are affected by our acclimated body.

17. Which of the following is the main topic of the passage?

Humans, in their earliest years upon the earth, probably accepted everything about them without question. During cold and rainy times they felt uncomfortable—even miserable; during warm and sunny times they felt glad to be alive. But they never questioned why. When they became able to provide enough food, clothes and shelter for themselves and their family, however, there was some time left over to think. Slowly the words *why*, *what* and *how* came into their mind and into their speech. Why did the earth sometimes shake and tremble until trees fell and soil slid down the hillsides? Where did the sun and stars and planets come from? But there was no science to try to answer these questions. The laws of nature and the idea of cause and effect were unknown. There was no body of knowledge, no careful experiments and little careful observation. Everything that was puzzling, or could not be explained in another way, was said to be the work of some god or goddess.

- ① Humans' struggle to find food and reproduce
- ② Humans' cognitive development before scientific thinking
- ③ Natural disasters forcing humans to think scientifically
- ④ Scientific knowledge emancipating humans from superstition

18. Which of the following is the best title of the passage?

When the first white people came to America, they found vast amounts of natural resources of tremendous value. Forests covered a large part of the nation; later gas, oil and minerals were found in unbelievable amounts. There was a great abundance of very fertile soil. Forests, prairies, streams and rivers abounded with wildlife. So vast were these resources that it seemed that they could never be used up. So, forests were destroyed to make way for farmland. Minerals and oil were used in great quantities to supply a young industrial nation. Mammals and birds were slaughtered for food and sport. Within a short time, the results were obvious. Floods caused millions of dollars' worth of damage yearly. The seemingly inexhaustible oil and minerals showed signs of depletion. Many of the rivers were made unfit for fish. Several species of birds disappeared, and some mammals seemed on the verge of going. In short, Americans soon came to realize that some sort of conservation program must be set up, if future as well as present Americans were to share in the resources that are the heritage of every American.

- ① Inexhaustibly Immense Natural Resources in America
- ② European Settlers in America and Unsurpassed Development
- ③ Consequences of Exploitation of American Natural Resources
- ④ Irreparable Damage on the Nature and Fall of American Civilization

19. Choose the sentence that does not belong to the passage.

There is an old saying that you are what you eat. A well-known psychiatrist recently said that people who are fighting depression should stop eating junk food. "Your gut health is critical to brain health," said the psychiatrist. "If you have, for example, an ultra-processed food diet, you have a dramatically increased risk of struggling with depression." ①The gut and brain constantly communicate through an intricate network of nerves and chemical signals. ②Human body, made up of diverse elements, the largest of which being water (about 42 liters), is a complex system composed of many different types of cells and organs. ③For instance, the brain signals the gut to prepare for food digestion, while stress can trigger signals that cause gastrointestinal symptoms like nausea or diarrhea. ④The gut microbiome—the collection of bacteria, viruses, and fungi in our digestive system—produces chemicals that can influence brain function and affect mood. Over 100 trillion microbes, primarily bacteria, make up the microbiome.

20. Which of the following best summarizes the main idea of the passage?

Teaching was never a cakewalk—now add increased pressure from limited resources, low pay, heavy workloads, etc. It's no wonder teachers are burning out in record numbers. So how do you stay in a job that's so high-pressure while feeling underappreciated and overworked? You have to prioritize self-care. There are truly diverse ways teachers relax, recharge, restore, and come back to teach year after year. One teacher says, "I have a date night scheduled with my husband every Friday night. It gives me something to look forward to all week, and we have a rule that we don't talk about either of our jobs!" Another teacher says, "For me it's burlesque dancing. I take an adults-only dance class once a week and it is the highlight of my week. It's just so much fun and a great way to relax." Still another teacher says, "I go for a run. I come home feeling exhausted so you'd think running would be the last thing I'd want to do! I put my AirPods in and listen to podcasts and it's actually really energizing."

- ① Teachers have diverse ways to deal with work stress and replenish themselves.
- ② Teaching has become increasingly more complex and challenging recently.
- ③ Teachers feel that they are underappreciated, which undermines their morale.
- ④ Teachers need support and recognition so they can perform better at work.

21. Which of the following is the passage mainly about?

I was diagnosed with panic disorder 20 years ago at age 19. I quickly learned that treating anxiety requires a maintenance plan—for life. My first panic attack came out of nowhere and left me breathless and scared in a bathroom stall—I felt helpless. I've learned to treat it like a sort of character trait—I'm free-spirited, funny, creative—and anxious. Because I have chronic anxiety and panic attacks, despite taking medication, I had to find a way to deal with anxiety to get my life back. I've found that dealing with my condition has made me a healthier person, and anxiety made me more creative. For instance, when my 12-year-old son was much younger, I would ease my anxiety by joining him to build with Legos, color, or sculpt with Play-Doh. Focusing on those tiny, bright bricks or shading in a cartoon character with a colored pencil distracted me and calmed me down. These days, I'm not ashamed to say I own adult coloring books and have sat at the kitchen counter during bouts of anxiety with my trusty colored pencils. I also write and paint with watercolors. "Engaging in a soothing activity like knitting or coloring is extremely helpful," says a mental health researcher. "The repetitive motions, exercised during an art project, engage parts of the cerebral cortex while relaxing the brain's fear center."

- ① I have become healthier through my efforts to change my personality traits.
- ② I could completely overcome my panic disorder with the help of coloring books.
- ③ Panic disorder can be effectively contained with the help of medication.
- ④ Engaging in repetitive, creative activities helps me deal with panic disorder.

22. Which of the following is the main message of the passage?

For parents of estranged adults who are sad, or those pining away for the son or daughter who lays blame for everything that has ever gone wrong in their life, there comes a time when enough is enough. Routinely, I hear from mothers and fathers who for ten or twenty years have been neglected, blamed, ridiculed, ignored, or contacted only when the son or daughter needs money. Their self-esteem has taken a huge hit because of the estrangement from adult children. Many of the parents in these long-term estrangements cope well most of the time, but their emotions are triggered when a death or other life events cause contact and/or renew their pain. When that happens, they can go on for weeks feeling blue, reliving the early shock and bewilderment of estrangement, and even asking "Why?" all over again. You need to make a decision to change. Acknowledge all the hurt your son or daughter has caused, and decide not to allow it to shackle you anymore. Stop ruminating over the son you lost, questioning how he could do such a thing to his family, and feeling sad, and move forward.

- ① Estrangement by adult children is mostly caused by the parents' neglect.
- ② Pondering on causes of estrangement is the first step to a solution.
- ③ Determination for recovery is the best known solution for estrangement.
- ④ Shake off the guilt feelings for estranged adult children and move forward.

23. Choose the best order after the sentences in the box.

It is a common saying that thought is free. A man can never be hindered from thinking whatever he chooses so long as he conceals what he thinks. The working of a person's mind is limited only by the bounds of the person's experience and the power of the person's imagination. But this natural liberty of private thinking is of little value.

[A] Some have preferred, like Socrates, some would prefer today, to face death rather than conceal their thoughts. Thus, freedom of thought, in any valuable sense, includes freedom of speech.

[B] It is unsatisfactory and even painful to the thinkers themselves, however, if they are not permitted to communicate their thoughts to others, and it is obviously of no value to their neighbors.

[C] Moreover, it is extremely difficult to hide thoughts that have any power over the mind. If someone's thinking leads them to call in question ideas and customs which regulate the behavior of those about them, it is almost impossible for them, if they are convinced of the truth of their own reasoning, not to betray by silence, chance words, or general attitude that they are different from them and does not share their opinions.

- ① **[C]-[A]-[B]**
- ② **[C]-[B]-[A]**
- ③ **[B]-[C]-[A]**
- ④ **[B]-[A]-[C]**

24. Choose the best title for the passage.

Even though milk has been found to be a lead food to cause inflammation, new research suggests dairy can, in fact, do the opposite. Specifically, a January 2023 study found that adding dairy to your cup of coffee may help reduce inflammation levels. Researchers looked at how polyphenols (antioxidants) would behave in the body when mixed with certain amino acids. The combination of coffee and milk fit the bill, with coffee having polyphenols and milk being a complete protein with all nine essential amino acids. The researchers realized that the polyphenols mixed with amino acids had a protective effect against inflammation found in immune cells. Inflammation occurs, in some cases, reacting to the effects of an unhealthy diet. Over time, inflammation can be detrimental, which is why eating a healthy diet full of anti-inflammatory foods is key for reducing the risk of chronic disease. Now it seems drinking coffee with milk can actually help.

- ① Milk Can Help Reduce Inflammation.
- ② Coffee and Milk: A Perfect Combination
- ③ Coffee Fights Bacteria Causing Inflammation
- ④ Milk Causes Inflammation; Coffee Cures Inflammation

25. Which of the following is consistent with the passage?

Counterfactual thinking is a concept in psychology that involves the human tendency to create possible alternatives to life events that have already occurred; something that is contrary to what actually happened. These thoughts consist of the "What if?" and the "If only..." that occur when thinking of how things could have turned out differently. A counterfactual thought occurs when a person modifies a factual prior event and then assesses the consequences of that change. For example, a person may reflect upon how a car accident could have turned out by imagining how some of the factors could have been different, for example, "If only I hadn't been speeding." These alternatives can be better or worse than the actual situation, and in turn give improved or more disastrous possible outcomes, "If I hadn't been wearing a seatbelt, I would have been killed". Counterfactual thoughts have been mostly shown to produce negative emotions; however, they may also produce functional or beneficial effects. There are two types of counterfactual thoughts: downward and upward. Downward counterfactuals are thoughts about how the situation could have been worse; and people tend to have a more positive view of the actual outcome. Upward counterfactuals are thoughts about how the situation could have been better. These kinds of thoughts tend to make people feel dissatisfied and unhappy; however, upward counterfactuals are the kind of thoughts that allow people to think about how they can do better in the future. These counterfactual thoughts, or thoughts of what could have happened, can affect people's emotions, such as causing them to experience regret, guilt, relief, or satisfaction.

- ① Counterfactual thinking normally leads to the feeling of relief.
- ② Counterfactual thinking can be helpful for future improvement.
- ③ Downward counterfactual thinking imagines a more desirable scenario.
- ④ Upward counterfactual thinking leads to regret or satisfaction.

26. Which of the following best summarizes the main idea of the passage?

The light and dark influences are related to the Earth's position and rotation. This has a more decisive factor on culture that many people overlook more than other geographical features. Cultures in Alaska, Scandinavia, and Northern Russia are significantly affected to extremes by the number of hours they have of light and dark in a day. They have both extremes. There are times when it is almost entirely dark or light depending on the time of the year. Many countries in polar regions have a culture that strongly depends on the season. They have to be resilient. For example, the Yakut people in Northern Russia have worked hard in the summer months to ensure everything goes according to plan with the harvests. They also have to ensure they are well equipped for brutal winters where it can be -40° Fahrenheit. Many people sometimes see people from these cultures as direct and occasionally harsh, as winter can be brutal and affect national stereotypes. On the other hand, one can look at cultures closer to the equator, where darkness and light do not vary as much. The amount of resting time and working time is the same year-round. The temperaments and traditions more or less remain constant throughout the rest of the year. One can see places such as Ecuador, Indonesia, and Uganda as examples. Punctuality is less key to these cultures. People in these regions are also perceived as more laid back than others who have fewer hours of daylight.

- ① Light and dark have significant influence on culture.
- ② The impact of temperatures on lifestyle has been underexplored.
- ③ People living in harsh environments tend to be highly cooperative.
- ④ Light and dark influences carry lesser importance than other geographical features.

[27-28] Read the passage below and answer the questions that follow.

A white elephant is a possession that its owner cannot dispose of without extreme difficulty, and whose cost, particularly that of maintenance, is out of proportion to its usefulness. In modern usage, it is a metaphor used to describe an object, construction project, scheme, business venture, facility, etc. considered expensive but without equivalent utility or value relative to its capital (acquisition) and/or operational (maintenance) costs. The term derives from the sacred white elephants kept by Southeast Asian monarchs in Myanmar, Thailand, Laos and Cambodia. To possess a white elephant was regarded—and is still regarded in Thailand and Myanmar—as a sign that the monarch reigned with justice and power, and that the kingdom was blessed with peace and prosperity. Because these animals were considered sacred and laws protected them from labor, receiving a gift of a white elephant from a monarch was _____. It was a blessing because the animal was sacred and a sign of the monarch's favor, and a curse because the recipient now had an animal that was expensive to maintain, could not be given away, and could not be put to much practical use. In the West, the term "white elephant", relating to an expensive burden that fails to meet expectations, was first used in the 17th century. In modern usage, the term now often refers to an extremely expensive building project that fails to deliver on its function or becomes very costly to maintain. Examples include prestigious but uneconomic infrastructure projects such as airports, dams, bridges, shopping malls and football stadiums.

27. Which of the following best fits in the blank?

- ① simultaneously a blessing and a curse
- ② regarded as the gift of ultimate honor
- ③ the dream of anyone in the kingdom
- ④ considered a divine blessing for prosperity

28. Which of the following is not true of a 'white elephant', according to the passage?

- ① It carries generally a negative connotation in the West.
- ② Its meaning in English changed from positive to negative meanings.
- ③ Its original meaning originated from the conflicting cultural and practical values.
- ④ Its modern meaning emphasizes the inordinate cost as compared to its function.

[29-30] Read the passage below and answer the questions that follow.

The practice of sexual cannibalism may sound like a horrific piece of fiction, but in fact this occurs in the behavioral repertoires of several animals. It refers to the eating of one's mate during courtship or copulation. Sexual cannibalism has been documented in several invertebrates, including arachnids, insects, and cephalopods. In some cases, it is rare within a species, whereas in others it is common.

[A] This is a question for evolutionary biologists who consider why a behavior occurs by examining how it benefits an individual's reproductive success. With respect to sexual cannibalism, the high cost to the individual male is obvious, but the evolutionary benefits to both him and his mate are not as clear.

[B] For females, consuming a male likely provides her with the benefits of added nutrition and energy that can be passed along to offspring. Studies have found that females who eat males go on to produce heavier egg cases with more numerous offspring.

[C] Generally, sexual cannibalism involves a female eating a male. The male's response in this interaction can vary dramatically between species. For example, the male redback spider sacrifices himself voluntarily. In contrast, the male giant Asian mantis does all it can to avoid being eaten; it leaps onto the female's back from a great distance and positions himself at an angle that makes an attack less likely. Why doesn't the redback spider do this?

Males that get eaten, in contrast, may benefit in several ways despite paying the ultimate price. Consider that some 80 percent of male redback spiders die without ever getting the chance to mate and produce offspring. Under such circumstances, a 65 percent chance of dying during mating may be worth the risk from an evolutionary fitness perspective.

29. Choose the best order after the passage in the box.

- ① **[B]-[C]-[A]**
- ② **[B]-[A]-[C]**
- ③ **[C]-[A]-[B]**
- ④ **[C]-[B]-[A]**

30. Which of the following is true according to the passage?

- ① Victims's behavior in sexual cannibalism widely varies by species.
- ② Sexual cannibalism is widely documented across species in animal kingdom.
- ③ Males and females in sexual cannibalism cooperate for best evolutionary benefits.
- ④ Evolutionary advantage of sexual cannibalism is clear for males and females.