2026학년도 한국공학대학교 편입학

영어고사 문제지

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수험번호		성명	

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[Questions 1-5] Choose the one that is closest in meaning to the underlined word(s).

1. Certain philosophers claim that suicide in any form is deplorable.
① punishable ② ineligible
③ conceivable ④ reprehensible

2. It is against the law to meddle with any of this building's smoke detectors.
① tamper ② smuggle
③ replicate ④ distribute

3. In *Gravity*, the highly successful science fiction film directed by Alfonso Cuaron, two astronauts are stranded in space, and they have no way of contacting Earth.
① floated ② trapped
③ distressed ④ suffocated

4. Initially, family feuds and kin-based mercantile associations were very common, but over time, the propensity for families to take retribution into their own hands abated.
① admiration ② expectation
③ inclination ④ nomination

5. The board of governors of the school weighed in with the proposal, and it was carried by a unanimous vote.
① offered ② circulated
③ installed ④ measured

[Questions 6-8] Choose the one that best fills in the blank.

6. During the years of _____ in the United States, it was very difficult for African-Americans to travel. Throughout the United States, and especially in the South, most hotels and restaurants did not allow African-Americans to enter. (2 pts.)
① reconstruction ② segregation
③ emancipation ④ deterioration

7. Since our ancestors discovered the controlled use of fire, biomass has played a prominent role in global energy production and has recently been _____ as the answer to our ever diminishing fossil fuel supply.
① heralded ② analyzed
③ compensated ④ fabricated

8. These countries already contain a(n) _____ portion of the world's population, around 43 percent of all the people on earth.
① variable ② sizeable
③ negligible ④ ungraspable

[Questions 9-14] Choose the one that most grammatically completes the sentence.

9. Modern technology now makes it possible for people who live on the coast to know in advance if there is the possibility of _____.
① a hurricane hits their region
② their region hit by a hurricane
③ a hurricane hitting their region
④ hitting their region by a hurricane

10. The word *cult* is used to describe a wide variety of groups, some of _____ have a religious or quasi-religious basis.
① all ② what
③ them ④ which

11. _____ with listing renewable forms of energy, people tend to mention solar, wind, or hydro.
① Tasking ② To task
③ When tasked ④ Having tasked

12. Those _____ to the mandatory volunteering believe that the term *mandatory volunteering* is a contradiction.
① opposed ② who opposed
③ are opposed ④ that are opposing

13. A ticket in First Class can cost _____ a ticket in Economy Class.
① up to more twenty times than
② as twenty times as much up to
③ up to twenty times as much as
④ twenty times up to more than

14. In the past, people believed that alchemists could create seemingly magical transformations by studying metals and other natural elements. They applied their understanding of chemistry, astrology, and physics in the hope to create gold or extend life. However, alchemists went beyond _____ today by using mysticism and spiritual ideas. (3 pts.)
① that we think of science
② which science we think of
③ we think of that as science
④ what we think of as science

[Questions 15-16] Choose the one that is grammatically INCORRECT.

15. The Japanese eel ①added to the International Union for Conservation of Nature's list with an endangered classification, ②meaning it has a high risk of becoming extinct. It ③has been hit by overfishing, habitat loss, and pollution. ④Despite these warnings, fishing quotas have been slow to change. Experts warn that without immediate, strong international cooperation, this iconic species could disappear within decades.

16. Wolfgang Amadeus Mozart was a musical mastermind. For one thing, Mozart was a child prodigy who ①was playing the violin and piano by age four and composing by age six. Another reason that he is considered a genius is ②why he was able to create more than 600 compositions—including symphonies, chamber music, sonatas, and choral music—in his thirty-four-year lifetime. Additionally, he is said ③to have been able to compose entire symphonies in his head. He could imagine the sounds of all the different instruments without using a piano to ④help him compose. He was not only the best pianist of his day in Europe but also one of the top three or four violinists.

[Questions 17-25] Choose the one(s) that best complete(s) the sentence.

17. Product placement is a term that refers to the insertion of commercials in various forms of media. Product placements can appear in films, television programs, plays, music videos, video games, and books. Directors might take special care to show the logo of a brand of blue jeans, for example. ___(A)___, a character may drink a particular brand of soda and sigh in satisfaction. Product placements are designed to be subtle, the goal being that the appearance of the product seems natural to the viewer. ___(B)___, advertisers are able to send what are known as subliminal messages that inspire audiences to develop a preference for a product.
① (A) Indeed (B) Eventually
② (A) Therefore (B) Moreover
③ (A) In addition (B) However
④ (A) Alternatively (B) In this way

18. A scientific hypothesis must be falsifiable. That is, you must be able to imagine a way to show that it is false, such as by giving an example showing that it is wrong. Of course, scientists do not show every hypothesis to be false—the important point is that _____. This is why personal opinions, such as "It is wrong to cheat on exams," are not scientific—each person has a different idea about right and wrong. It is not possible to falsify opinions.
① proving the hypothesis false is possible
② identifying right and wrong is justifiable
③ demonstrating the process of falsification is unfeasible
④ providing many examples makes the hypothesis plausible

19. When worry escalates, the result is fear. Everyone has experienced fear. A swimmer of only moderate skill might be afraid of swift waters; a child might fear dark. A hiker will probably feel fear when hearing the distinctive warning of a rattlesnake; a jogger might experience it when confronted with an angry dog. According to the author Norman Cousins, "Fear creates negative expectations. One tends to move in the direction of one's expectations." Fear causes the heart to race, the head to spin, the palms to sweat, the knees to buckle, and breathing to become labored. Its physical effects are such that _____.
① it is better not to confront fear
② we should try to hold our emotion back
③ negative expectations proved to be wrong
④ the human body can't withstand fear indefinitely

20. There is the principle of _____. Giving off light can help summon the predator of your predator. Known as the 'burglar alarm' effect, this is especially useful for tiny life forms that cannot swim fast. For such beings, water is too viscous to allow a quick getaway—it would be like trying to swim through syrup. Instead, when threatened by a shrimp, for example, these organisms light up. The flashes attract larger fish that are better able to spot—and eat—the shrimp. The chief defense for these organisms is therefore not fight or flight—but light. (2 pts.)
① "every cloud has a silver lining"
② "a good retreat is better than a fight"
③ "the enemy of my enemy is my friend"
④ "better to light a candle than curse the darkness"

21. The problem is that if prisons are made more pleasant places to be, this may assist in achieving the rehabilitation of some prisoners, but it may also mean that a prison sentence becomes less of a(n) _____ to those who may commit crimes.
① deterrent ② response
③ alternative ④ preference

22. In book publishing, many companies do not always scrutinize the information authors write. A best-selling book can make a lot of money, so some authors find it tempting to make up lies. In one famous case, a writer concocted a completely fictitious history about himself. The writing seemed credible, so most readers believed his story. However, the writer later was unable to document the facts in the book, and he was revealed as a fake, which provoked controversy for him and his publisher. Although the writer's tale was not legitimate, many people still found it meaningful. Even these readers agree that they would rather not be left in the dark, _____. They would rather be aware of any major alteration of facts that could turn a good true story into just a good story.
① doubting who the real author is
② unaware that there was a dispute
③ not realizing how great the story was
④ wondering whether or not a story is true

23. There is a whole category of crime—corporate crime that is usually committed by people of high social status who work as company officials. Examples of corporate crime include disregard of safety in the workplace, the production of unsafe products, and violation of environmental regulations. Such crimes are committed without the obvious use of force, and the effect of the crime on the victims cannot be easily traced to the offender. The people who are involved in corporate crime often have a great deal of power that they use to avoid conviction. Much corporate crime escapes punishment. If a miner dies of lung disease, for example, it is _____ to prove beyond a reasonable doubt that he died because the employer broke the law by not providing adequate safety in the mine.
① unethical ② difficult
③ necessary ④ sufficient

24. Caffeine increases your pulse, which may lend you more physical strength for a while. But, experts caution, this effect may not be seen in habitual drinkers, whose bodies may have built up _____ to this substance. (3 pts.)
① immunity ② expertise
③ tolerance ④ adaptation

25. Money and the way we use it is changing. The money we use in the future might not exist in paper form at all. People are using cash less and less. People like to keep cash in their wallets for small purchases, but most people would prefer to use credit or debit cards for everything else. Cryptocurrencies such as Bitcoin may be the money of the future. In fact, Bitcoin is already in use in various places such as Scandinavia. Another alternative to cash and credit cards is the use of mobile payments. With mobile payments, a smartphone can act like a credit card. Before too long, credit cards, cash, and checks will probably be _____.
① a symbol of wealth
② a thing of the past
③ a burden on the consumers
④ a means of digital exchange

[Questions 26-40] Read the following passages and answer the questions.

[Question 26]

Israel Mensah, 20, explains how he makes his living. (A) Each day, scrap sellers bring loads of old electronics. (B) Mensah's friends and family buy a few computers or TVs. They break them apart to remove valuable metals and wires, as well as any parts that can be resold. Then they burn the plastic covering off the wire and sell it. (C) "The gas goes to your nose, and you feel something in your head," Mensah says as he knocks his fist against his head. (D) "Then you get sick in your head and your chest. But I don't bother."

26. Choose the most suitable position of the sentence below in the above passage. (2 pts.)

The key to making money is speed, not safety.

① (A) ② (B)
③ (C) ④ (D)

[Question 27]

As much as I found the trip exhilarating, I would not say it is for everyone. Eco-tourism means responsible, low-impact travel, and generally involves some degree of 'roughing-it.' This trip is no exception. Three of the five nights were spent in hammocks, which did not suit everyone's natural contours. You must not be averse to sun, sweat, mosquitoes, or bathing in rivers with little or no privacy. At $1,500 per person for the week-long trip it's an excellent deal, but still prohibitively expensive for some people. If you can afford it, and don't mind a few ants in your pants, this trip will provide you with an incredibly unique experience that I guarantee you will never forget.

27. The eco-tour is not for everyone as it _____.
① demands environmental activist qualifications
② involves staying in a natural setting with minimal amenities
③ requires previous wildlife experiences
④ includes travel to areas with no human contact

[Question 28]

One cloudless midsummer day, Andrew Parker, an evolutionary biologist, knelt in the baking red sand of an Australian desert and gently placed the right back leg of a thorny devil into a dish of water. The thorny devil, a small lizard that has learned to survive in the intense heat of the Australian desert, has a secret that fascinated Parker. "Look, look!" he exclaimed. "Its back is completely drenched!" Sure enough, in less than a minute, water from the dish had traveled up the lizard's leg, across its skin, and into its mouth. It was, in essence, drinking through its foot. The thorny devil can also do this when standing on damp sand—a vital competitive advantage in the desert. Parker had come here to solve the riddle of precisely how it does this, not from purely biological interest, but with a concrete purpose in mind: to make a device to help people collect water in the desert.

28. Andrew Parker went to the Australian desert in order to _____.
① understand how thorny devils collect water
② capture thorny devils for animal biology research
③ save thorny devils suffering from water scarcity in the desert
④ study the evolutionary adaptation of thorny devils in the desert

[Question 29]

Glass had already become a serious business by the dawn of the Roman empire. The writer Petronius recounts the tale of a craftsman presenting Emperor Tiberius with a piece of allegedly unbreakable glass. Tiberius asked the craftsman, "Does anyone else know how to blow glass like this?" "No," the craftsman replied, thinking he'd made it big. Without warning, Tiberius had the man beheaded. Although Tiberius's motives remain mysterious, one can imagine such an invention would have disrupted Rome's important glass industry, the first of its kind.

29. Which is implied as a reason for the craftsman's execution in the passage? (3 pts.)
① The craftsman lied, claiming his glass was unbreakable.
② The craftsman made the glass far larger than what Tiberius had requested.
③ The new invention could destabilize the existing industrial structures.
④ The leakage of information could delay the onset of the Roman glass-making industry.

[Question 30]

Speaking a second language allows people to learn about another culture through the special words and phrases in that language. For example, a person who speaks North American English knows the expression *meat and potatoes*. If we say someone is a *meat and potatoes* kind of person, it means that person does not like special food. Therefore, it also tells us that in this culture, meat and potatoes—not rice, not pasta, not fish—_____. Likewise, through the baseball expressions *to hit a home run* (to do something that is very successful) or *to strike out* (to fail completely), we learn that the sport of baseball is important in North American culture. Thus, becoming bilingual can increase knowledge of not only a new language but also a new culture.

30. Which is the most suitable for the blank?
① are considered normal food
② are consumed in combination
③ are produced in North America
④ are regarded as a balanced diet

[Question 31]

With great progress often comes great concern. As mammal cloning becomes more commonplace, people are beginning to wonder if human cloning is next. While the vast majority of scientists find the possibility ethically unacceptable, the technology could also fall into the wrong hands. Some fears of human cloning rest in the possibility of creating a flawless human, or a master race, by weeding out undesirable traits, such as inherited mental and physical disabilities. Others express the worry that human uniqueness will ultimately be wiped out by the procedure, and that we will become mere cattle ourselves.

31. What is the main idea of the passage?
① Cloning exerts a dominant influence on our society.
② People worry about the potential risks of cloning.
③ Good or bad, technological progress is inevitable.
④ Most scientists raise ethical objections to human cloning.

[Question 32]

From about 1300 to 800 B.C., the Lapita people colonized islands that stretch over millions of square kilometers, including the Solomon Islands, Santa Cruz Islands, Vanuatu, Fiji, New Caledonia, and Samoa. Then, for unknown reasons, they stopped. There was an interval of around 1,000 years before the civilization of the Polynesians, descendants of the Lapita, launched a new period of exploration. Then they outdid the Lapita with unbelievable feats of navigation, expanding the boundaries of their oceanic world until it was many times the size of that explored by their ancestors. Their colonies included the Cook Islands, French Polynesia, Easter Island, and Hawaii, eventually reaching South America around 1000 A.D.

32. Which does the underlined word exploration refer to?
① civilization ② migration
③ colonization ④ integration

[Question 33]

Long ago I believed that survival meant having enough equipment to make fire, build shelter, and trap animals to eat in the wild. Then I kept coming across cases in which someone had survived without any equipment. In other cases, someone had all the right tools, but wasn't able to survive. Why was this? Studying survival stories, I realized that how well people cope with adversity can be more important than any type of equipment or training. A person's individual character is an essential element in the equation.

33. Which is the most important for survival? (2 pts.)
① Handling the right tools
② Being able to trap animals to eat
③ Getting enough physical training
④ Having distinctive personal qualities

[Questions 34-35]

Synthetic textiles have come a long way since nylon. Kevlar, a textile that is stronger than steel, is used in bulletproof vests and in ropes used by astronauts. Other high-tech fibers can resist very high temperatures—perfect for firefighters and race-car drivers. Not all companies are _____ about their products for fear of having their ideas stolen. However, Huges Vinchon, an executive at Dubar-Warneton, a manufacturer of high-tech textiles in France, is happy to display some of his company's amazing synthetic fibers his company creates. There is an oil-eating textile that absorbs five times its weight in oil, and is perfect for cleaning up oil spills. Another absorbs vibrations. "Can you imagine a motorboat you can't hear?" he says. There is also an ordinary-looking cloth bag that is completely water soluble, according to Vinchon. "It's strong enough to carry heavy objects. But if I dip it in boiling water, it disappears."

34. Which is the most suitable for the blank? (3 pts.)
① confident ② forthcoming
③ apprehensive ④ persevering

35. Why does Huges Vinchon mention a water soluble bag?
① to convince the reader to try innovative textiles
② to show a case where a product idea was stolen
③ to give an example of eco-friendly products by Dubar-Warneton
④ to evoke admiration for a fabric that can dissolve in water

[Question 36-37]

To call Leonardo da Vinci an excellent painter is like labelling William Shakespeare a clever wordsmith. He was a true genius, recognized in his own time and idolized in ours. His paintings are as secret and seductive as himself, done with the hand of an angel, the intellect of a scientist, and the soul of a romantic. His drawings are among the most beautiful ever made; his most treasured painting, the *Mona Lisa*, is undoubtedly the most famous in the world.

36. Which best describes Leonardo da Vinci?
① He gained recognition as a master artist after his death.
② He created artworks that were both enigmatic and captivating.
③ He was regarded as a talented technician rather than an artist.
④ He prioritized scientific logic over artistic soul in his masterpieces.

37. What does the underlined part mean?
① Leonardo da Vinci and William Shakespeare were above average in their respective fields.
② Leonardo da Vinci was a good painter as well as William Shakespeare was a smart wordsmith.
③ Both Leonardo da Vinci and William Shakespeare were respected as skilled professionals in their crafts.
④ Calling Leonardo da Vinci an excellent painter and William Shakespeare a clever wordsmith is an understatement of their talents.

[Questions 38-40]

(A) Water consumption in the city of Durban is now less than it was in 2016, even as 800,000 more people have received service. Through sensible water use, Durban's conservation measures paid for themselves within a year. Neil Macleod has assured the city that no new dams will be needed in the coming decades, despite the expected addition of about 300,000 inhabitants.

(B) In South Africa, Neil Macleod took over as head of Durban Metro Water Services in 2012. The situation he found was a catastrophe. Durban had one million people living in the city and another 1.5 million people who lived in poverty just outside it. Macleod and his engineers determined that the entire city was rife with broken water pipes, leaky toilets, and faulty plumbing whereby 42 percent of the region's water was simply being wasted.

(C) Neil Macleod's crew began repairing and replacing water pipes. They put water meters on residences, replaced eight-liter toilets with four-liter models, and changed wasteful showers and water faucets. To ensure that the poor would receive a basic supply of water, Macleod installed tanks in homes and apartments to provide 190 liters of water a day free to each household.

38. Choose the appropriate order of the paragraphs.
① (A) – (C) – (B)
② (B) – (C) – (A)
③ (C) – (A) – (B)
④ (C) – (B) – (A)

39. What is the passage mainly about?
① The history of Durban's water services
② The challenges faced by Durban Metro Water Services
③ The successful water conservation measures in Durban
④ The promotion of the welfare designed by Macleod

40. Which is true according to the passage?
① Some of the saved budget was allocated to assist the needy.
② All citizens in Durban have been ensured the free water supply.
③ Macleod will expand the water storage capacity due to the growth in population.
④ Durban addressed water shortage issues without building additional dams.


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