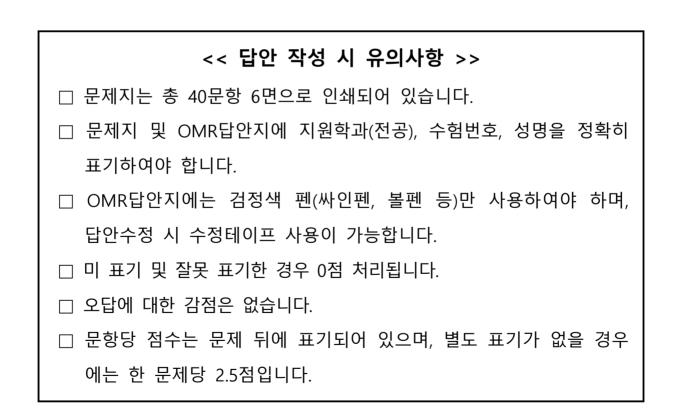
2023학년도 한국공학대학교 편입학

영어고사 문제지(40문항)

고사일시	2023. 1. 13(금) 14:00 ~ 15:00		
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[Questions 1-5] Choose the one that is closest in meaning to the underlined word(s).

- I saw that the best thing I could do was <u>get hold</u> of a dictionary to study and learn some words. (2 pts.)
 (1) analyze
 (2) publish
 - ① analyze② publish③ obtain④ discard
- Current squad of South Korea has little resemblance of its 2002 version led by Guus Hiddink which intrigued fans with its <u>audacious</u> style and resilience.
 - ① vicious② inordinate③ fearless④ elusive
- 3. The negative effect of social media on our ability to focus on work is significant and should not be <u>dismissed</u>.
 ① discharged
 ② discounted
 - ③ deteriorated
 ④ dwindled
- Juggling two languages in the brain probably leads to advantages for bilinguals. Still, researchers emphasize, this doesn't mean they learn better than monolinguals. However, it does keep the brain more <u>nimble</u>.
 (1) agile
 (2) vigilant
 - ③ tenacious
 ④ stringent
- Kevin's Pulitzer Prize-winning photograph of an <u>emaciated</u> Sudanese toddler being stalked by a vulture drew enormous response from readers and enormous interest in the plight of victims of famine. (3 pts.)
 - anxious
 desperate
 gaunt
 indigenous

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

- 6. In the spring, almost all woodchuck's body fat has been used up to keep it alive during its long sleep. By February or March, the ______ animal is ready to leave its hole and go looking for its first meal.
 - famished
 capricious
 - (3) attentive (4) rampant
- 7. The _____ leadership resulted in the terrible accident that took the lives of many innocent people.

- blundering
 tolerant
- 2 mighty
- ④ propitious
- 8. Buy Nothing Day is scheduled each year to take place in late November so that it ______ the beginning of the busiest shopping period of the year in North America-the month leading up to Christmas day.
 - ① accounts for ② refers to
 - ③ coincides with ④ engages in

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

- 9. ______ often travelers experience bad service from the bus company, they continue to use it because of the low fare.
 ① Whenever
 ② How
 - ③ However ④ When
- Not until I came across a report on sleep deprivation ______ something was wrong.
 - 1 I finally found out
 - 2 had I finally found out
 - ③ did I finally find out
 - ④ I had finally found out
- 11. As climate change leads to higher temperatures around the world, mosquitoes are now able to survive in areas ______ for them.
 (1) when they are once so cold

 - (2) which they were once so cold
 - 3 where were once too cold
 - 4 that were once too cold
- 12. Over the past few years, the number of wildfires ______ around the world, especially in countries with large forests. (2 pts.)
 - 1 was increased
 - 2 has increased
 - 3 were increasing
 - ④ have been increasing
- 13. One marine life form divers should only observe from a distance is the sea snake. They are not usually aggressive but may become so ______.
 ① if disturbed
 ② when disturbing
 ③ for disturbance
 ④ to disturb

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14.	In the past, s	tudents had	to vis	it colleges	s to	see
	,	but today	many	colleges	let	you
	explore their c	ampuses on	line.			
	① what they w	vere looked				
	2 what they I	ooked like				
	3 how they w	ere looked				
	(4) how they lo	oked like				

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

- 15. In England, landlords and businessmen who had any surplus money began to deposit it for safety with the goldsmith. And he would lend the money ①at a high interest. Gradually his lending department became so profitable that he stopped ②charging the depositors for safeguarding their wealth, and he actually paid them for doing it. He would of course pay them less than he charged those ③borrowed from him. The difference between what he paid depositors and what he charged borrowers ④constituted his profits. The modern bank has shed its goldsmith's business and has specialized in this receiving and loaning of money.
- 16. An eclipse occurs when a celestial object passes between two others. The most commonly observed from the Earth <u>1</u> is solar and lunar eclipses. Solar eclipses are when the moon passes between the sun and the Earth. The moon may appear to be <u>2nearly</u> the same size as the sun since the moon is much <u>3closer</u> to the Earth. This results in the moon partially or completely <u>4blocking</u> out the sun. A lunar eclipse is when the moon passes through the Earth's shadow. As the moon passes behind the Earth, it either darkens or disappears. (3 pts.)

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

17. Did you ever have that sensation where you're watching someone do something-serve a tennis ball, say, or get pricked by a needle-and you can just feel exactly what they must be feeling, as if you were in their shoes? Scientists have long wondered why we get that feeling, and more than two decades ago, a team of Italian researchers thought they _____(A) ____ on an answer. While observing monkeys' brains, they noticed that certain cells activated both when a

monkey	performed	an	action	and	when	that
monkey	(B)	and	other mo	onkey	perform	n the
same ac	tion. "Mirror	neu	rons" we	ere di	scovere	d.
① (A) st	umbled		(B) \	watch	ed	
 (A) be 	rought		(B) ł	neard		
③ (A) d	welt		(B) r	made		
④ (A) lir	ngered		(B) I	et		

- 18. A tunicate bulb may be identified by its thin paper-like covering, which serves to protect the bulb from drying out or becoming injured. Tulips, daffodils, and hyacinths are examples of tunicate bulbs. For many of the tunicates, new bulbs form around the original bulb. Called offset, these new bulbs sprout from the base of the main bulb and begin to grow completely new plants. Soon, however, these plants begin crowding each other out, with the result that the flowers begin to shrink in size. Once this happens, to ensure their continued survival, they need to be _____.
 - ① more fertilized
 - 2 watered more often
 - 3 manually separated
 - ④ exposed to the sun
- 19. For weeks, I had been traveling through some of the best tiger habitats in Asia, but never before had I seen a tiger. Partly this was because of the animal's legendarily ______ nature. The tiger is powerful enough to kill and drag prey five times its weight, yet it can move through high grass, forest, and even water in unnerving silence. Those who have witnessed—or survived—an attack commonly report that the tiger "came from nowhere." (2 pts.)
 ① untenable
 ② threatening
 - ③ lethal
 ④ secretive
- 20. Ants are known to be amazing collaborators—they work together to build homes, find food, and fight off their enemies. But perhaps one of the most astounding examples of ant teamwork is the ___(A)__ way that fire ants are able to cope with flooding. If their home is flooded, fire ants will join themselves together, gripping tight with their jaws and legs, to form a pizza-like shape that can float on water like a raft. Some rafts can last up to three weeks, and it is thought that some of the bigger structures may have more than 100,000 ants. But if you see one, stay well clear. Fire ants have a painful sting and are thought to be even more ___(B)__ than usual when in a raft formation. (3 pts.)

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- ① (A) complementary
- (A) ingenious

(4) (A) versatile

- 3 (A) unpredictable
- (B) aggressive (B) repellent

(B) intricate

- (B) competitive
- 21. Nuclear power is often used to generate electricity for twenty-first century needs. It is produced for this purpose by commercial nuclear reactors in nuclear power plants. In general, these reactors are reliable and efficient. (A), dangerous accidents or other serious problems can occur, so nuclear reactors must be built to withstand everything from hurricanes to terrorist attacks. (B), these safety measures are not always adequate. Shortly after an earthquake hit Japan on March 11, 2011, a chain of events led to explosions at the Fukushima Daiichi nuclear plant. (2 pts.)

① (A)	Still	(B)	Unfortunately
② (A)	In addition	(B)	Therefore

- ③ (A) In fact
- (B) Nevertheless
- (A) However
- (B) Furthermore
- 22. There are both benefits and risks attached to a government that tries to control the safety of its citizens. This can reduce accidents, disease and crime, and <u>(A)</u> for the basic needs of all members of society. Conversely, however, over-protective legislation can limit individual freedom and cause <u>(B)</u>. It can also suggest that people do not have to be responsible for their own actions. (3 pts.)
 - ① (A) apply(B) trouble② (A) cater(B) resentment③ (A) arrange(B) detention④ (A) settle(B) indulgence
- 23. The most popular cell phone activity is taking pictures. Among all cell phone users, 82% use their phone to take photos. There is ____(A) difference between males and females. For instance, 82% of men and 81% of women take pictures with their phones. ___(B)_, young adults are the most likely to take pictures. Ninety-four percent of those under 29 take pictures with their cell phones, compared to just 44% of those aged 65 and over.

① (A) some	(B) Quite unexpectedly
 (A) one 	(B) Most importantly
3 (A) few	(B) More than usually
(A) little	(B) Perhaps unsurprisingly

- of studies showing the dangers of believing that geniuses are born rather than made. In one study, Dweck and researcher Valanne Henderson asked 229 seventh graders whether people are "born smart" or "get smart" by working hard. Then they compared the students' sixth and seventh grade achievement scores. The scores of students with the get-smart beliefs stayed high or improved. In contrast, the scores of students who believed in the born-smart assumption staved low or declined. Surprisingly, even students who but who had low confidence did very well. And the students whose scores dropped the most were the born-smart believers with high confidence. 1) believed in working hard
- 2 faced high expectations
- worshiped their ability
- (4) made good grades
- - -
- 25. Studies have shown that thinking about the way we eat food means we consume less. *Mindless Eating* author Brian Wansink conducted an experiment to show this. He gave stale popcorn to cinemagoers in different sizes. When he weighed the buckets after the film, he found those with bigger buckets ate 53 percent more. When we don't make a conscious decision to think about food, ______.
 - we are more likely to be fooled by cinema marketing strategy
 - ② the chemicals that tell our brain we're full never work
 - (3) we will eat anything and we eat more of it and get fatter.
 - ④ the people who have more options eat more

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

[Question 26]

Sand dunes are hills of sand. They are formed by the build-up of small particles of sand that are moved by the wind. They can have a wide variety of shapes and sizes, depending upon the intensity and direction of the wind. Contrary to popular opinion, dunes play an important role in ecology. They can be home to unique plants and animals. In addition, they may serve as wind breaks and protect areas further inland. For these reasons, many governments are now starting to protect sand dunes since human development can easily damage the fragile structures.

24. Psychologist Carol Dweck has conducted a series



- 26. According to the passage, sand dunes _
 - ① consist of many layers of soil blown from the hills
 - ② provide a habitat for specific vegetation and wildlife
 - 3 act as a natural barrier against the sun rays
 - ④ can be facilitated by human interference

[Question 27]

In 1963, in the unremarkable seaside town of La Coruña, Spain, 27-year-old Amancio Ortega Gaona started a business making bathrobes. By 1975, Ortega had saved enough money from this business to open a clothing store in town. He named his store Zorba, after Zorba the Greek. However, he soon learned that there was a bar in town called Zorba just a couple of blocks away. The bar owner thought that it might be confusing to have two businesses in town with the same name, so Ortega agreed to change the name of his store. The problem was that he had already made the letter molds for the store's sign. Rather than having new molds made. Ortega used some of the letters he already had molds for, and came up with a new name: Zara.

- 27. Which is the best title of the passage?
 - ① Success of an Entrepreneur
 - 2 Popularity of Zorba the Greek
 - ③ Importance of Brand Naming
 - ④ Birth of a Brand

[Question 28]

Native people create legends to explain unusual phenomena in their environment. A legend from the Hawaiian island of Kauai explains how the naupaka flower, a flower that grows on beaches there, got its unusual shape. (A) The flower looks like half a small daisy-there are petals on one side only. (B) The legend says that the marriage of two young lovers on the island was opposed by both sets of parents. (C) The parents found the couple together on a beach one day, and to prevent them from being together, one of the families moved to the mountains, separating the young couple forever. (D) One half moved to the mountains, and the other half stayed near the beach. This story is a good example of a legend invented by native people to interpret the world around them.

28. Choose the most suitable position of the sentence below in the above passage.

As the result,	the naupaka	flower	separated
itself into two ha	alves.		
① (A)	2	(B)	
3 (C)	4	(D)	

[Question 29]

Ballet is a dance form which utilizes specific techniques and methods to achieve a motion that is graceful, flowing, and precise. The line of a dancer's body is crucial in that whether the body is resting or moving, its different parts have to be in complete harmony. The different techniques are choreographed into an orchestral, operatic, or balletic work. Before ballet's traditions developed, narrative dance began and evolved in countries as diverse as China. India. and ancient Greece. The Roman Empire integrated Greek dance after conquering Greece, and by the 1400s, the first glimmers of ballet began to emerge in Italy. Domenico da Piacenza, one of the first dance masters, was in charge of teaching nobles the art; Fabritio Caroso's publication // Ballarino, a manual on the technical aspects of the dance, played a role in establishing Italy as the center of technical ballet development.

29. According to the passage, which is true?

- ① The origin of ballet goes back to countries such as China and India.
- 2 Ballet in Italy began around the 15th century.
- ③ All the aristocrats in Italy took ballet lessons.
- ④ An instruction book on ballet technique had a great influence on many countries.

[Question 30]

Fragmentation allows for multiple offsprings to be created at the same time. Planarians, a type of flatworm, will break up into multiple pieces when they reproduce. Each piece will grow and develop into a complete new worm. Up to eight or nine new planarians can be created from a single parent. They also have the ability to regenerate. They can re-grow their entire body even if there is less than one percent of the original.

- **30.** Which is implied in the passage?
 - ① Fragmentation helps the organism evolve faster than in other ways.
 - ② Fragmentation makes the offsprings even stronger than the parent.
 - 3 Planarians never succeed in finding a proper



mate.

④ Planarians can regenerate the body when damaged.

[Question 31]

Distance learning is heavily dependent on technology, particularly the Internet. On a face-to-face course, students may only require a computer for the purpose of writing an essay. In comparison, when learning remotely, technology is the principal means of communication. The flexibility this provides means that students may be better able to learn at their own pace, following their own timetable, but it may also mean that learners have to be well-organized and self-disciplined. They must therefore be highly motivated in order to do well on the distance-learning courses.

- **31**. According to the passage, distance learning

 - 1 needs technological access
 - (2) is limited by geography
 - 3 lacks scheduling flexibility
 - (4) suits all kinds of students

[Question 32]

- 32. Language symbolizes reality; it's not the reality itself. Of course, this is obvious. But consider: have you ever reacted to the way something was labeled or described rather than to the actual item? Have you ever bought something because of its name rather than because of the actual objects? If so, you were probably responding as if language was the reality, a distortion called intensional orientation. Intensional orientation refers to the tendency to view people, objects, and events in terms of how they are talked about or labeled rather than in terms of how they actually exist. It occurs when you act if the words labels as and are
- **32**. Which is the most suitable for the blank?
 - 1) less realistic than the ideas they generate
 - 2 more rational than the things they express
 - ③ less complicated than the ideas they symbolize
 - ④ more important than the things they represent

[Question 33]

What is sound? As an object vibrates in space, it imparts some of its energy to the surrounding molecules. This energy makes one

group of molecules crowd together and a separate group disperse. The former process is called condensation, and the latter rarefaction. Together, these two processes form a sound wave. All objects that vibrate produce sound waves. The waves transmit their energy to other molecules farther away. This process continues until the total energy of the wave disappears. As the wave travels through the air, it causes a change in air pressure known as sound pressure.

- **33.** Which is true about the movement of a sound wave?
 - 1 It carries the sound energy in a vacuum.
 - 2 It disturbs neighboring particles.
 - ③ It will continue until it is blocked.
 - ④ It becomes intense as it moves farther from the source.

[Questions 34-35]

America had fulfilled my ambition. I had arrived with the equivalent of a high school diploma, and after 10 years, I hold a graduate degree and have a relatively successful professional career. That is not to say it had been easy. Every inch of progress had been achieved through exhausting battles. My college education had been financed partly through working multiple minimum-wage jobs. Upon graduation, I had gotten a job, but adjusting to corporate culture was initially very difficult. Then, nervous about job security, I went to graduate school part time to give myself a(n) _____ in case of job layoffs. And I had spent a small fortune in legal fees and had endured many stressful years for the sake of becoming a permanent resident in America.

- **34.** Which is the most suitable for the blank?
 - 1 obsession 2 reward
 - ③ edge ④ justification
- ${\bf 35.}$ Which is the best title of the passage?
 - ① The Way to Achieve Your Dreams
 - ② The Benefits of Education
 - ③ Common Challenges of Working Students
 - ④ An Immigrant's Silent Struggle



[Questions 36-37]

Two of the major theories of crime that have come from structural functionalism are "strain theory" and "control theory." Strain theory was developed by Robert Merton. It uses Durkheim's concept of anomie: the absence of norms to guide people's behavior. Merton argued that when the structure of society doesn't permit people to reach their goals (such as obtaining enough money to live on), the strain (or tension) that results may lead to crime. Society encourages everyone to want the same things (a job, money), but doesn't provide opportunities for everyone. Strain theory explains criminal behavior as a result of blocked opportunities. However, if blocked opportunities are responsible for crime, why don't more people become criminals? Control theory answer that question. Hirschi (1996) may suggests that strong social bonds prevent people from violating social norms or rules. A crucial aspect of these social ties is (A) to other people. Ford (2005) concludes that a strong family bond (B) the likelihood of substance abuse and criminal behavior among young people.

- **36.** Choose the one that best completes the blanks. (3 pts.)
 - ① (A) spread (B) assesses
 - (A) visible(B) removes
 - (3) (A) obedience (B) mitigates
 - (4) (A) attachment (B) lowers
- **37.** It can be inferred from the underlined part that

① social standards are not necessary for regulating behavior

- ② people feel unstable when the society's values break down
- ③ people need not learn to distinguish right from wrong
- a society lacking order encourages people to have the same goals

[Questions 38-40]

(A) Americans dislike government interference in their private lives, but they might agree to a tax if they had to pay higher taxes. Today, the annual cost of obesity-related health care in the United States is estimated by some researchers to be \$190 billion, or 20 percent of the total health care costs in the country. It is expected to almost double by 2030. It won't be long before there are more and more people saying: "Why didn't the government do more to combat this crisis?"

- (B) The bigger question is whether a tax like this one would be politically acceptable. Probably notbecause Americans traditionally don't like the government to interfere in their private lives. One example is the unsuccessful attempt to ban oversized sodas in New York City restaurants. The public was outraged. "We don't like being bossed around by the government," residents said. "This is becoming a nanny state," they argued. In fact, a poll by NBC found that as many as 6 in 10 New Yorkers felt that the ban was a bad idea. Similarly, an April 2012 national survey on a related topic found that only 26 percent of Americans said that they would support taxing high-fat and high-sugar food.
- (C) Would a tax on unhealthy foods be effective? Absolutely. First, we have а history of successfully discouraging unhealthy habits by putting a high price tag on them. For instance, high taxes on tobacco worked to reduce the number of smokers in the United States. People were less likely to buy cigarettes-or simply bought fewer than usual-because they did not want to spend more money on them. It seems likely that our food habits would change just as our cigarette habits did. Second, research shows that if a tax of 18 percent were put on soda and pizza alone, the average American could lose five pounds.
- 38. Choose the appropriate order of the paragraphs.
 - (A) (C) (B)
 (B) (C) (A)
 (C) (A) (B)
 - ④ (C) (B) (A)
- 39. What is the passage mainly about?
 - ① The problem of overweight and obesity
 - 2 The crisis of the American health care system
 - ③ The need to put a tax on unhealthy foods
 - ④ The importance of the government intervention
- 40. According to the passage, which is true?
 - ① The lack of health awareness is a significant problem for Americans.
 - ② It is inevitable that a decrease in tax is in America's future.
 - ③ A poll in 2012 found that almost three-quarters of Americans would oppose the tax.
 - ④ Smoking status and food habits are closely related.