# 영어 A

# 한양대학교 ERICA 2020학년도

# 편입학 필기고사



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- 전체 시험시간은 70분입니다.

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I

1. 문제지 상단의 문제 유형을 표시하시오.

① A형

② B형

## [2-3] 밑줄 친 부분 중 어법에 맞지 않는 것을 고르시오.

- 2. Due to ①rapid progress in gene research, farmers can buy seeds whose genes have been ②carefully changed in a laboratory. The crops that grow from these ③genetical engineered seeds grow faster and stronger and are less ④likely to suffer from disease than traditional crops. [2점]
- 3. Although ①the gathering of fish in schools is a familiar form of animal social behavior, ②how is the school formed and maintained is only beginning to be understood in detail. ③It had been thought that each fish maintains its position chiefly by means of vision. Our work has shown that the lateral line, an organ sensitive to transitory changes in water displacement, ④is as important as vision. [3점]

## [4-10] 밑줄 친 부분의 의미와 가장 가까운 것을 고르시오.

- 4. The causes of the global economic downturn in 2008 have been hotly debated. While experts and academics agree the downturn was the result of a credit crunch, the causes of this credit crunch are more contentious. [2점]
- ① debatable
- ② competitive
- ③ satisfactory
- 4 troublesome
- 5. Physical aging is a complicated and enigmatic process, as any of us who are living and experiencing it know. Precipitated by little-understood changes in the workings of our cells and physiological systems, it proceeds in stuttering fits and starts, affecting some people and body parts earlier or more noticeably than others. [2점]
- ① mysterious
- ② dynamic
- ③ inevitable
- 4 irreversible

- 6. Any pronouncement about educational technology needs to be <u>scrutinized</u> with great care to ascertain what part of the process is involved—the machinery, the software, or the methodology. [2점]
- ① utilized
- ② selected
- ③ systemized
- 4 examined
- 7. Closing the cost deficit gap is never easy, and is resisted by service departments with all the ingenuity that they can muster. One of two methods is generally applied: making an example of individual projects and commitments, or a percentage cut across the board. [2점]
- ① on the shelf
- ② unanimously
- ③ on every item
- (4) secretly
- 8. The use of animals in research has long been an issue, mainly due to questions of ethical treatment. This climate has <u>spawned</u> much legislation concerning the treatment of research animals. As well, in most institutions, an evaluation committee must approve the use of animals. If the research can be accomplished in some other way than through the use of living animals, then permission to use them is typically denied. [2]
- ① splashed
- 2 demolished
- ③ constrained
- 4 engendered
- 9. Depression can undermine quality of life and contribute to disability, especially in more severe or persistent cases. In a given year, it's estimated that 1 in 15 adults will experience depression or have at least one major depressive episode. The mood disorder can affect myriad aspects of a person's life, from one's ability to tackle daily activities and work to relationships. Rather than involving fleeting sadness, hallmarks of the disorder like depressed or low mood and loss of interest or pleasure must continue for at least two weeks for a diagnosis of depression to be made. [2점]
- ① countless
- 2 crucial
- ③ flawless
- 4 emotional

10. When a snail dies on the beach, a crab that comes
across the empty shell will inspect it closely, turning
the shell over in its claws. If the crab decides this
home is better than its current shell, it trades up.
Another, usually smaller crab may soon find that crab's
castoff and move in. Each vacancy lets about three
crabs upgrade their shells. [3점]
① something hidden

② something precious

3 something useful

4 something unwanted

# [11-21] 빈칸에 들어갈 가장 알맞은 것을 고르시오.

11. As the seasonal end of daylight saving time approaches, many sleep scientists and circadian biologists say it should be ended \_\_\_\_\_\_\_\_\_ because of potential ill effects on human health. [2점]

① permanently

2 tentatively

③ conditionally

④ drastically

12. According to a study, many of the certificate programs with the highest return on investment are in the nursing field. In quickly evolving industries like aerospace, researchers say a four-year degree may not be necessary, but no two industries or communities require the same \_\_\_\_\_\_. So the choice between a certificate program and a bachelor's degree can depend on such unique factors. [2점]

① efforts

② goals

3 motivations

④ qualifications

13. Wikinews, iNewsit, CNN's iReport, and MSNBC's FirstPerson are just a few of the websites where "citizen journalists" can write their news reports. They're sharing their personal thoughts and news reports with the world on these websites. And the increased \_\_\_\_\_\_ of cell phones and cameras has made it easier for people to share news. [3점]

① duplicity

② menace

③ prevalence

④ superfluity

14. Some people call it a plague and an eyesore; others consider it an expression of their basic rights. Some of it has deep political meaning, while some of it is a word or two written quickly in permanent marker. And it can be found all over cities around the world: on rooftops, bridges, or the walls of abandoned buildings. \_\_\_\_\_ and street art have been highly controversial forms of expression for centuries, hated by art snobs and building caretakers alike. [2점]

① Artifact

② Vandalism

③ Painting

4 Graffiti

15. Working out on an empty stomach could amplify the health benefits of the activity, according to a well-timed new study of the interplay of meal timing, metabolic health, and moving. The study suggests that whether and when we eat may affect how exercise affects us. In general, any exercise improves our health. But studies indicate that different people can respond to similar exercise routines in different ways. \_\_\_\_\_\_ everyone completes the same amount of exercise, some people become more fit than others, or lose more weight, or gain greater control of their blood sugar levels. [2점]

① Even if

② So long as

3 Since

4 Before

③ engines

16. When tasked with listing renewable forms of energy, people tend to mention solar, wind, or hydro. Few bring up geothermal energy, and fewer still raise the oldest renewable of all—biomass. Since our ancestors discovered the controlled use of fire, biomass has played a prominent role in global energy production and has recently been heralded as the answer to our ever fossil fuel supply. [2점]
① beneficial ② stable ③ hazardous ④ diminishing
17. Oppressed people cannot remain oppressed forever. Eventually, they want freedom. Therefore, one should readily understand why demonstrations are taking place. African-Americans must release their latent frustrations. So let them march—and try to understand why they must do so. If their buried emotions are not released in nonviolent ways, they will be expressed through violent ones; this is not a threat but a fact of history. I have told my people that they can channel this normal, healthy discontent into the of nonviolent action instead. [3점]
① explosive outburst ② creative outlet ③ forceful practice ④ passive acceptance
18. Think about it. We drive rain or shine, in blistering heat or in the middle of winter, making quick stops and sharp turns without even thinking about it. Through all of that, we assume cars will just run like they're supposed to, but the are the things doing all the work. They keep your car from sliding in the rain and endure extreme hot and cold temperatures. Their tread is what allows you to stop quickly when you see pedestrians or need to avoid an imminent collision. They even control the sound inside your car and how smoothly it rides. [2점]
① tires ② brakes

4 transmissions

19. Alexandra Nechita's artistic talent appeared very early when she began drawing at the age of two. The toddler spent every waking hour with her coloring books. At first her parents were worried that she would become \_\_\_\_(A)\_\_\_ because she spent so much time drawing and painting. They took away the coloring books to encourage her to become interested in other things. But by the time Alexandra was seven, her parents decided to support her \_\_\_\_(B)\_\_\_ with art, so they built a studio for her at home. [3점] (A) (B) ① extroverted hallucination ② introverted fascination ③ active passion 4 evasive obsession 20. You might have had the experience of your dog basically attacking you when you come home to it. Dogs can't really feel the passage of time, so you can imagine how excited they must be that you are back from even the \_\_\_\_(A) \_\_\_ trip for grocery shopping. They don't just try to get your attention this way, they are truly happy to see you again. They missed you! But when your dog gives you one of its toys, maybe

even its favorite toy, this doesn't always mean it wants you to play fetch with it. In fact, most of the time they feel like you are in need of a little happiness, so they offer you their source of joy to play with. This means you can even \_\_\_\_(B)\_\_\_ their feelings when you

(A) (B)
① quickest hurt
② shortest raise
③ latest sympathize
④ frequent ignore

misunderstand their act. [3점]

21. The causes of substance abuse are multiple. Some
people are at high risk for dependence due to genetic or
physiological factors. Researchers have found the sons of
alcoholics to be twice as(A) to alcoholism as other
people. Among pairs of identical twins, if one is an
alcoholic, there is a 60 percent chance that the other will
be also. In spite of an apparent inherited tendency toward
alcoholism, the fact that the majority of people with
alcoholic parents do not become alcoholics themselves
demonstrates the influence of(B) factors, including
personality factors and a variety of environmental
stressors, such as occupational or marital problems. [3점]

(A) (B) ① apt physiological ② apt psychosocial ③ prone physiological 4 prone psychosocial

# [22-23] 빈칸에 공통으로 들어갈 가장 알맞은 것을 고르 시오.

22. [2점]

- (A) Ideally what I would like to see is free childcare, but I think that's a bit in the sky.
- (B) Nigel Mansell's critics may be helping themselves to a slice of humble \_\_\_\_\_ this morning after his hard-won third place in yesterday's race.
- ① pie
- ② meal
- ③ rest
- 4 dream

23. [3점]

- (A) The movie \_\_\_\_\_ me, in fact, as just the kind of decorative, romanticized conventional, art-house film that the 64-year-old director used to rail against in the magazine Cahiers du Cinema during the Fifties and Sixties.
- (B) The Premier League management \_ a note of compromise over confrontation in London yesterday and they expect Mr. Taylor to respond.
- ① put
- ② deemed
- ③ struck
- ④ impressed

### [24-25] 다음 글을 읽고 아래의 주어진 문장이 들어갈 가장 알맞은 곳을 고르시오.

24. You know it instinctively when you see the person walking toward you, or on a movie screen. A beautiful woman. A handsome man. (A) Throughout the ages, a woman with delicate features, high cheekbones, full lips, and large eves has been considered a great beauty. For a man, the assumption has been that the more rugged the appearance, the thicker the eyebrows, the thinner the lips, and the more deep-set the eyes, then the more attractive the man. Right? (B) In a study published in Nature, Scottish researchers report that both the men and women they studied found a slightly feminized male face more attractive. (C) The scientists found the preference held true across three cultures surveyed, where 92 men and women picked more feminine male faces as the most handsome. (D) "The finding came as a shock to us," said Dr. Sarah Perrett, one of the study's authors. [3점]

According to some controversial research, not exactly.

- ① (A)
- ② (B)
- ③ (C)
- ④ (D)

25. Most teachers receive the same education, but not all readily accept what they are taught, whether it be constructivism or some other philosophy of education. Unlike medical practitioners, for example, educators disagree about nearly all issues within their field. (A) Physicians simply observe whether or not the treatment cured the patient. (B) They may disagree about why or how a treatment worked, but at least they have objective and verifiable evidence of whether or not the treatment worked. (C) How do people learn? What should people learn? How do we measure learning? (D) The complexity of these questions results in virtually no consensus about what works among all educators. [3점]

Education, on the other hand, possesses many more points of disagreement.

- ① (A)
- ② (B)
- ③ (C)
- (1) (D)

[26-27] 전체 글의 의미가 통하도록 (A)~(C)의 순서를 알맞게 배열한 것을 고르시오.

26. Cybercrime is, unfortunately, a growth industry, and more and more, bad actors are using our phones as their point of attack. According to research conducted by digital security company Safetech, 59 percent of risky transactions in America happen on mobile devices. Fraudsters are like chameleons.

- (A) They are always adapting their tactics to make it look like they're legitimate customers.
- (B) There is a very common misconception that phones are not susceptible to hackers the same way computers are.
- (C) The other problem is that most people don't understand just how much their phones put them at risk.

While this may have been true when smartphones first became popular, it is simply no longer the case. In fact, in the United States, nearly 1.42 percent of all devices have been subject to a ransomware attack. [3점]

- ① (A) (C) (B)
- ② (B) (A) (C)
- (C) (A) (B)
- (A) (B) (C)

27. The heart is the pump that keeps blood flowing throughout the circulatory system. It is divided into four chambers. The top chambers of the heart are the atria. Below each atrium is a chamber called a ventricle. Each of the four chambers has a different job. The right atrium collects blood returning to the heart.

- (A) Blood entering this atrium is oxygen-rich and ready to be sent throughout the body.
- (B) Blood entering this atrium has little oxygen in it because the oxygen has already been delivered to cells throughout the body.
- (C) The left atrium, on the other hand, receives blood from the lungs.

Both atria contract at the same time, pushing the blood into the ventricles. When the ventricle below the right atrium contracts, the blood leaves the right ventricle and enters the lungs. The left ventricle contracts at the same time, sending its blood into the rest of the body through blood vessels. [3점]

- ① (A) (B) (C)
- ② (B) (C) (A)
- (C) (B) (A)
- (C) (A) (B)

#### [28-29] 다음 글을 읽고 물음에 답하시오.

As more wild weather events happen, a worried world is beginning to ask questions like: What is going on with the weather? And why? Many also want to know: Is this natural, or are we \_\_\_(A)\_\_?

The answer seems to be: a little of both. Wild weather is natural. But most scientists agree human activity has made the Earth warmer. This global warming makes heat waves more likely to occur. The higher temperatures also cause more water to enter the air. This causes heavier and more frequent rain. Some scientists also believe global warming makes hurricanes and other storms stronger.

This means we will probably see more wild weather. "But we \_\_\_\_\_\_\_\_," says scientist Michael Oppenheimer. He and other experts say we can help to slow the Earth from getting warmer. We also need to be prepared, to do things that will help save lives.

28. 빈칸 (A)에 들어갈 가장 알맞은 것을 고르시오. [2점]

- ① blame
- ② blaming
- $\ensuremath{\Im}$  blamed
- 4 to blame

29. 빈칸 (B)에 들어갈 가장 알맞은 것을 고르시오. [3점]

- (1) can't strive to prevent such a tragedy
- 2 don't have to just stand there and take it
- 3) can predict that this state will soon get better
- 4) are also able to solve global warming with ease

#### [30-31] 다음 글을 읽고 물음에 답하시오.

Until recently, scientists believed that the human brain was fully developed by the age of three. According to this theory, the teen behaviors that most concern parents—risk-taking, a lack of sensitivity to how their actions affect both themselves and others, increased aggression, reduced concentration, or a negative attitude—were thought to be due to bad parenting or changes in body chemistry. However, new technology has allowed researchers to examine the healthy brain at work, and what they have discovered \_\_\_\_\_\_. Not only does the brain continue to grow past the age of three, but the brain of a teenager is larger than that of an adult.

As teen brains are flooded with chemicals during adolescence, the brain grows. However, at the same time, the cells of the brain that are used more compete with those that are used less. Only the cells and the connections between the cells that are used the most will survive the competition. Those that are used less begin to die off until the brain reaches what will be its adult size.

30. 빈칸에 들어갈 가장 알맞은 것을 고르시오. [2점]

- ① causes them to fear
- 2 might surprise you
- (3) is disappointing to them
- 4) might make you understood

31. 위 글의 내용과 맞는 것을 고르시오. [3점]

- ① Human brains stop developing after the age of three.
- 2) Teens' bad behaviors are mostly caused by bad parents.
- 3 Brain size becomes the largest in one's teen years.
- ④ The brain cells most actively used kill those unused.

#### [32-33] 다음 글을 읽고 물음에 답하시오.

In 1950, the percentage of the world's population living in urban areas was 30%. By 2014, the figure had increased to 54% and it is predicted that, by 2050, two-thirds of us will be living in cities. This means that in just 100 years, the number of urban dwellers will have more than doubled. The overwhelming majority of this urbanization is expected to occur in Asia and Africa, as people migrate to find work, housing, and improved access to healthcare and education. London went from a population of one million to eight million in over a century. Some Asian cities have done so in 50 years or less. While many are concerned that this surge in urban populations will lead to housing shortages and increased competition for employment, there are arguably many significant benefits in terms of development. In fact, history has shown that notable developments in a country cannot take place without urbanization. This essay will therefore argue that urbanization in developing countries should

32. 빈칸에 들어갈 가장 알맞은 것을 고르시오. [2점]

- ① be gradually limited
- 2 be actively encouraged
- 3 be coercively implemented
- 4) be observed with caution

33. 위 글의 내용과 맞는 것을 고르시오. [3점]

- ① The percentage of urban dwellers will be less than 60% by 2050.
- ② Many Asians move to cities as they don't have enough land to cultivate.
- 3 Some Asian cities have urbanized in half the time that London did
- ④ Cities should be developed with care not to break the balance with rural areas.

#### [34-35] 다음 글을 읽고 물음에 답하시오.

There is obviously a quality about agape love that brings out our positive resources, making them available to the one being loved. It is this quality that makes it a commitment type of love. It is, however, more than a commitment of our best efforts-it is a commitment to what is best for the object of that love. This means it is committed to doing exactly the right thing. Doing the best or the right thing is central to the definition of agape love, because it allows us to see that love is not some sugar-plum notion-it is an investment in the future as well. There are times when we may not find each other attractive. A mother does not spank a child to get even with it. It is to help the child develop sufficient self-discipline to save it future heartache. , love is called upon to find a constructive way to point out a selfish behavior in my partner. It is not love when the concern is the fact that I am being inconvenienced, but it is when the concern is for the damage that is being done to my partner and our relationship.

34. 빈칸에 들어갈 가장 알맞은 것을 고르시오. [2점]

- ① On the other hand
- ② Nevertheless
- 3 By the same token
- ④ Fortunately

35. 위 글의 내용과 맞지 않는 것을 고르시오. [3점]

- ① Agape love is a commitment type of love.
- 2 A mother with *agape* love helps her child equip itself with self-discipline for the future.
- ③ It is not a sort of *agape* love to point out a partner's bad behaviors in a constructive way.
- ④ Agape love is more concerned with the right type of commitment than with the commitment itself.

#### [36-37] 다음 글을 읽고 물음에 답하시오.

Anaximander is best known for his view that the origin of the world is the apeiron, an eternal substance, boundlessly large and without any \_\_\_(A)\_\_ features: neither hot nor cold, neither wet nor dry, neither white, black, nor any other color. Again, his reason for introducing such an unfamiliar origin for our world, in contrast to Thales' view that the origin of all things was water, can be reconstructed with some probability. The world around us is marked by contrasts: some parts of it are wet, others are dry, and so on. But if the origin of the world were wet, it is hard to account for the existence of anything that is not wet. The originating material must therefore not be either wet or dry, neither hot nor cold, and so on. It must, in fact, be (B) . Also, if it is the origin of everything, it cannot have a beginning itself: hence it is eternal. The Greek philosophers are unanimous in supposing that anything that is without a beginning is also without an end. And it must be boundlessly large in order to be able to generate not only our world but also an indefinitely large number of other worlds that, according to Anaximander, come into existence and perish at different times and in different places.

36. 빈칸 (A), (B)에 들어갈 가장 알맞은 것을 고르시오. [3점]

(A) (B)
① definite definite
② definite indefinite
③ indefinite definite
④ indefinite indefinite

37. 위 글의 내용과 맞지 않는 것을 고르시오. [3점]

- ① According to Thales, water is the origin of everything around us.
- ② Anaximander had a different view from Thales on the origin of the world.
- ③ Thales and Anaximander believed that anything that is without a beginning is also without an end.
- ④ According to Anaximander, our world and other worlds are composed of identical things.

#### [38-39] 다음 글을 읽고 물음에 답하시오.

Researchers followed 31,750 men and women whose average age was 62 for an average of six years, using physical examinations and self-reported data on sleeping habits. They found that, compared with sleeping seven to eight hours a night, sleeping nine or more hours increased the risk for stroke by 23 percent. Sleeping less than six hours a night had no effect on stroke incidence. The study also found that midday napping for more than 90 minutes a day was associated with a 25 percent increased risk for stroke compared with napping 30 minutes or less. And people who both slept more than nine hours and napped more than 90 minutes were 85 percent more at risk to have a stroke. The reason for the association is \_\_\_\_\_, but long sleep duration is associated with increased inflammation, unfavorable lipid profiles, and increased waist circumference, factors known to increase cardiovascular risk.

38. 빈칸에 들어갈 가장 알맞은 것을 고르시오. [2점]

① clear

② unclear

3 important

4) unimportant

39. 위 글의 내용과 맞지 않는 것을 고르시오. [3점]

- ① Longer sleep duration is a demonstrated risk factor for stroke.
- ② Maintaining appropriate sleep duration decreases the risk for stroke.
- ③ Midday napping for more than 90 minutes a day increases the risk for stroke.
- ④ Sleeping nine or more hours a night decreases the risk for stroke.

#### [40-41] 다음 글을 읽고 물음에 답하시오.

You probably haven't given much thought to the pattern of little black dots on the edges of car windows. (A) Those black dots and the black rims that surround them do have a reason for being there. It has to do with how car windows are made. Car manufacturers started to use an adhesive to hold car windows in place, rather than metal trim. This adhesive got the job done, but it wasn't very aesthetically pleasing. Enter the black rims that you see around car windows, called "frits." The frits are made from ceramic paint. (B) The frits are there to hide the rather icky-looking, but very important, adhesive from view. Also, since these painted rims are baked into the window, they are all but indestructible. They hold the glue in place, which in turn holds the windows in place. (C) The dots get smaller and farther apart as the black recedes. This pattern is less jarring to the eye than opaque black paint juxtaposed with transparent glass. Their other purpose, besides the visual effect, is to provide temperature control. To get the glass of windows and windshields to be bent the way it is, the glass is heated up. The black-painted glass heats up faster than the rest of the window. (D) The dots are there to the heat a little more evenly, which prevents the windshield from warping in the heat.

40. 빈칸에 들어갈 가장 알맞은 것을 고르시오. [2점]

① distribute

2 reflect

3 cool

4 block

41. 다음에 주어진 문장이 들어갈 가장 알맞은 곳을 고르 시오. [3점]

As for the dots, they are there to make an aesthetically pleasing transition from the thick black lines to the transparency of the window.

① (A)

② (B)

③ (C)

4 (D)

9