國立中正大學
114 學年度碩士班招生考試
試 題

[第 1 節]

共同科目	英文

作答說明：本測驗共五部分，共 50 題，每題配分為 2 分，試題皆為單一選擇題，請選出一個正確或最適當的答案，答錯不倒扣。答案需依題號順序清楚填答在答案卷。考完後需將「答案卷」及「試題卷」一併繳回。

Part 1. Vocabulary in Context (40%, 2 points for each)
Directions: Choose the appropriate words or phrases that best fit the blanks.

1. Silicon Valley is an important keystone city in ____, like New York's Silicon Alley and Seattle's Cloud City.
   - (A) renovation
   - (B) regeneration
   - (C) innovation
   - (D) revolution

2. Germany, like the rest of the countries globally, is ____ to becoming net-zero carbon by 2050 by getting involved in a few important projects.
   - (A) committed
   - (B) genuine
   - (C) truthful
   - (D) realistic

3. When the annual World Happiness Report was ____ in 2024, it was no surprise to see Finland, Denmark, Iceland, and Sweden continue to top the list.
   - (A) confined
   - (B) released
   - (C) indicated
   - (D) revealed

4. The UK closed its last coal-fired power plant in 2024. It was a symbolic moment as the UK was the first country in the world to use coal for public power ____.
   - (A) generation
   - (B) formation
   - (C) construction
   - (D) creation

5. Renewable energy sources are growing rapidly around the world. In the US, wind energy hit a ____ in 2024.
   - (A) height
   - (B) highlight
   - (C) score
   - (D) record

6. More than one-third of the world's tree species are ____ with extinction, according to the world's leading scientific authority.
   - (A) defenseless
   - (B) exposed
   - (C) uncovered
   - (D) threatened

7. Trees are essential to support life on Earth through their ____ role in ecosystems, and millions of people depend on them for their lives.
   - (A) energetic
   - (B) lively
   - (C) vital
   - (D) animated

8. Around the world, the biggest threats to trees are agriculture and logging, followed by ____, with more and more people leaving the countryside to live in cities.
   - (A) urbanization
   - (B) expansion
   - (C) spread
   - (D) widening

9. Automakers have been spending billions of dollars to develop electric vehicles and build ____ to produce them, with expectations that consumers would buy these new models.
   - (A) workshops
   - (B) workstations
   - (C) divisions
   - (D) factories

10. Many people ____ food that's still safe to eat, but "best by" labels don't necessarily indicate when food is bad.
    - (A) remove
    - (B) discard
    - (C) reject
    - (D) destroy

11. According to a new global analysis, children experienced learning delays during the COVID pandemic and they had not ____ from those losses more than two years later.
    - (A) repaired
    - (B) reversed
    - (C) recovered
    - (D) resumed

12. Most of the parents are finding the job much harder than they expected. Research has found that parenting is more ____ than it used to be.
    (A) compliant   (C) severe
    (B) submissive   (D) demanding

13. National Health Service in the UK claims that there is no evidence that any type of toothbrush is more clinically effective for the ____ of cavities and tooth decay.
    (A) prevention   (C) inhibition
    (B) prediction   (D) anticipation

14. Bamboo toothbrushes ____ naturally when disposed of properly. In contrast, plastic toothbrushes persist in the environment for centuries if not fully recycled.
    (A) decompose   (C) decay
    (B) spoil   (D) expose

15. Frequent travelers love how innovation makes life easier in Switzerland. For example, The SBB app allowed them to connect to the various ____ of transportation and easily plan their trips.
    (A) styles   (C) models
    (B) modes   (D) modules

16. For older adults, ____ cognitive functioning or mobility issues can add further difficulties.
    (A) declining   (C) improving
    (B) lessening   (D) fading

17. Waymo, one of the first autonomous driving companies, uses ____ cameras to get from destination to destination without a driver.
    (A) distinguished   (C) eminent
    (B) sophisticated   (D) prominent

18. Friendships are very ____ for the well-being of people across the lifespan because they can provide social support, emotional support, and instrumental support.
    (A) constructive   (C) beneficial
    (B) profitable   (D) productive

19. An organization hopes to ____ an artificial intelligence technology scheme to allow the clinic to put interventions in place to support patients before they reach the point of needing hospital care.
    (A) sustain   (C) disclose
    (B) exhibit   (D) launch

20. Having access to the internet may be helpful for the well-being of older adults. With technology, they can access a wide range of ____.
    (A) assets   (C) earnings
    (B) resources   (D) possessions

Part 2. Cloze Test (20%, 2 points for each)
Directions: Choose the appropriate words or phrases that best fit the blanks.

New AI Cameras to Catch Drunk Drivers – Is it scary or genius? Drivers under the influence of alcohol or drugs could be caught by a pioneering AI camera which is being tested by Devon and Cornwall in England. The machine can act (21)____ a filtering system to detect road use and behavior consistent with drivers who may be (22)____ by drink or drugs. Police on the road can then stop the vehicle and do a roadside test for alcohol and illegal drugs. (23)____ drunk drivers six times more likely to be involved in a (24)____ crash, police officers are making efforts to reduce the number of (25)____ that could ruin lives on the roads.

21. (A) beyond   (C) on
    (B) as   (D) with

22. (A) impaired   (C) diminished
    (B) disrupted   (D) spoiled

23. (A) Through
    (B) Over
    (C) By
    (D) With

24. (A) risky
    (B) harmful
    (C) fatal
    (D) toxic

25. (A) incidents
    (B) amounts
    (C) events
    (D) occasions

To tackle the plastic waste problem, California became the first state in the US to make an effort to (26)____ single-use plastic grocery bags in 2014. Then came the reusable, heavy-duty plastic bags, offered to shoppers (27)____ 10 cents. But because these reusable bags didn't look much different from the single-use plastic bags they (28)____, lots of people didn't actually reuse them. The unhappy result: Californians threw away more plastic bags by weight. It didn't work at all. Some advocates say the initial plan adopted in 2014, (29)____ allowed for plastic bags to be sold to shoppers would be effective only if they were (30)____ recycled in all of the California counties.

26. (A) reject
    (B) omit
    (C) ban
    (D) exclude

27. (A) with
    (B) for
    (C) about
    (D) to

28. (A) replaced
    (B) converted
    (C) traded
    (D) switched

29. (A) by which
    (B) in which
    (C) to which
    (D) which

30. (A) broadly
    (B) widely
    (C) approximately
    (D) roughly

Part 3. Reading Comprehension (20%, 2 points for each)

Directions: Read the two reading passages and choose the best answer.

The warming climate is causing extreme weather events to occur more frequently. This has led to efforts to develop artificial intelligence (AI) systems that can help communities respond to climate-related disasters. For instance, through AI, policymakers have been able to identify locations for installing traffic sensors to detect road conditions after storms. AI has also offered real-time weather predictions, enabling governments to make vital decisions to save lives. Additionally, AI translation services allow authorities to quickly translate weather warnings into multiple languages within minutes, keeping residents informed about natural hazards.

Although AI-driven models help improve responses to disasters, they do have limitations. These models rely heavily on the quality of data. Low-income regions, which are often the most **vulnerable** to disasters, typically lack reliable weather monitoring services to gather information. Consequently, predictions of climate-related disasters in **these areas** become less accurate. Closing the gap in data is crucial for enhancing response efforts in at-risk communities.

31. What is the passage mainly about?
    (A) AI services in multiple languages.
    (B) Using AI to manage disasters.
    (C) Natural disasters in urban areas.
    (D) Drawbacks of using AI for weather forecasts.

32. Why does the author mention AI applications in the first paragraph?
    (A) To compare AI systems.
    (B) To teach people how to operate AI systems.
    (C) To explain the advantages of using AI systems.
    (D) To present how AI systems are developed.

33. Which has the closest meaning to the word "vulnerable"?
    (A) unprotected
    (B) sensitive
    (C) attacked
    (D) subtle
34. What does "these areas" in the second paragraph refer to?
    (A) Locations to install traffic sensors.
    (B) Urban areas.
    (C) Low-income regions.
    (D) At-risk communities.
35. Which of the following statements will the author most likely agree with?
    (A) Poor areas need more investment to gather more accurate information.
    (B) It is challenging for authorities to establish regulations regarding AI-related policies.
    (C) People should question the reliability of AI translation systems.
    (D) Integrating AI into urban planning can hardly enhance public safety.

Many people speak their own thoughts and feelings aloud without conversing with others. This phenomenon is known as self-talk. Experts have studied the reasons behind it. ■ (1) One significant factor is that people who spend a lot of time alone are more likely to talk to themselves. Another main reason is to cope with very unfamiliar or stressful situations. ■ (2) Research has shown that people experiencing anxiety are more likely to talk to themselves. Age can be a factor too. ■ (3) Young children often talk aloud to themselves as a part of their social development. ■ (4) So, is self-talk beneficial? The answer is certain. Self-talk encourages problem-solving skills. In tasks involving sequences, self-talk helps people stay focused and visualize ideas. Self-talk also helps regulate emotions. It is commonly used in therapy to help people understand the logical reasoning behind their thoughts, especially when they experience **intense** emotions.

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36. What does self-talk mean?
    (A) Talking out aloud to oneself.
    (B) Having a conversation with strangers.
    (C) Making presentations in public.
    (D) Sharing personal feelings with others.
37. According to the passage, what causes self-talk?
    (A) Intelligence, social isolation, and anxiety.
    (B) Social isolation, anxiety, and age.
    (C) Anxiety, age, and intelligence.
    (D) Age, intelligence, and social status.
38. Examine the four ■ in the passage. Which block would the following sentence best fit?
    However, the behavior tends to become internalized when they grow older.
    (A) (1).
    (B) (2).
    (C) (3).
    (D) (4).
39. According to the passage, what can people benefit from self-talk?
    (A) Developing drawing skills.
    (B) Achieving higher social status.
    (C) Improving concentration levels.
    (D) Enhancing brainstorming techniques.

40. Which has the closest meaning to the word "intense"?
    (A) serious
    (B) strong
    (C) passionate
    (D) violent

Part 4. Writing Skills: Sentence Building (14%, 2 points for each)
Directions: Choose the best answer to re-order the words or phrases of each sentence to make it grammatically correct.

41. Woman: Have you started on the report yet?
    Man: Not yet, but ___ ___, ___ ___ ___.

    | A | by tomorrow | B | have time tonight | C | if I |
    | D | finish it | E | I will | | |

    (A) EDACB　　　　　(C) EBCDA
    (B) CBEDA　　　　　(D) CDEAB

42. Woman: Did you hear about the gift Mary gave to Mike?
    Man: Yes. Mary ___ ___ ___ ___ ___ ___.

    | A | wrapped beautifully | B | had | C | before |
    | D | the gift | E | to Mike | F | she gave it |

    (A) ACFDBE　　　　　(C) BACFDE
    (B) ADCFEB　　　　　(D) BDACFE

43. Woman: How are you feeling about the project deadline?
    Man: I'll ___ ___ ___ ___ ___ ___.

    | A | on time | B | do | C | to |
    | D | whatever | E | get it done | F | it takes |

    (A) ECBADF　　　　　(C) BDFCEA
    (B) ECBDFA　　　　　(D) BCEDFA

44. Woman: Did Ann go to the Jay's concert last month? It seemed like she knew all about it.
    Man: No, she didn't, but she ___ ___ ___ ___ ___ ___.

    | A | talked | B | she | C | as if |
    | D | gone to | E | it | F | had |

    (A) ACBFDE　　　　　(C) FACBDE
    (B) DECBFA　　　　　(D) CBFDAE

45. Woman: Did you struggle with the philosophy exam yesterday?
    Man: Yes, ___ ___ ___ ___ ___ ___.

    | A | the concepts | B | understand | C | many of us |
    | D | found it | E | to | F | difficult |

    (A) EBCFAD　　　　　(C) ADCFEB
    (B) CDFEBA　　　　　(D) FCADEB

46. Woman: It's very windy outside today!
    Man: Tell me about it. ___ ___ ___ ___ ___.

    | A | I | B | the trees | C | swaying |
    | D | on the street | E | can see | | |

(A) BDCAE　　　　　　　　　　(C) DAECB

(B) AECBD　　　　　　　　　　(D) AEBDC

47. Woman: What do you usually drink in the morning?
    Man: I ___ ___ ___ ___ ___.

    A coffee　　　　　　B wake up　　　　　　C prefer
    D to help me　　　　E over tea

(A) BEDCA　　　　　　　　　　(C) CAEDB

(B) BDCAE　　　　　　　　　　(D) CEDBA

Part 5. Writing Skills: Heading Matching (6%, 2 points for each)
Directions: Choose the most appropriate heading for each paragraph.

Concerns about Using AI in Education

Artificial Intelligence (AI) tools can enhance learning by providing tailored educational experiences. However, there are still concerns about their uses in education.

A When students rely on AI tools to solve complex problems, they miss the opportunity to engage deeply with the material. For example, although some AI tools can provide step-by-step solutions to students' problems, they take away the opportunities for students to actively engage in the thinking process. This lack of engagement impedes the development of essential logical reasoning abilities and problem-solving strategies.

B Education is a collective process, facilitated through classroom interactions that promote friendships and trust between students and teachers. While AI tools offer the potential for personalized learning, they may also create a more isolated learning experience, as students might interact more with virtual assistants than with their peers and teachers. This may potentially impact students' social skills.

C Inadequately designed AI tools may fail to address the diverse needs of students and can result in unequal learning opportunities. When an AI tool is trained on data from a single demographic, underrepresented students may be disadvantaged. Moreover, evaluating performance using limited criteria can result in misjudgments regarding students' abilities and eventually lead to unfair grading.

48. What is the most appropriate heading for Paragraph A?
    (A) The Potential Bias in AI Algorithms.
    (B) The Challenges to Academic Integrity.
    (C) The Decline of Critical Thinking.
    (D) The Loss of Human Interaction.
49. What is the most appropriate heading for Paragraph B?
    (A) The Potential Bias in AI Algorithms.
    (B) The Challenges to Academic Integrity.
    (C) The Decline of Critical Thinking.
    (D) The Loss of Human Interaction.
50. What is the most appropriate heading for Paragraph C?
    (A) The Potential Bias in AI Algorithms.
    (B) The Challenges to Academic Integrity.
    (C) The Decline of Critical Thinking.
    (D) The Loss of Human Interaction.