

國立中正大學
111 學年度碩士班招生考試
試題

[第 4 節]

共同科目	英文
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—作答注意事項—

※作答前請先核對「試題」、「試卷」與「准考證」之系所組別、科目名稱是否相符。

1. 預備鈴響時即可入場，但至考試開始鈴響前，不得翻閱試題，並不得書寫、畫記、作答。
2. 考試開始鈴響時，即可開始作答；考試結束鈴響畢，應即停止作答。
3. 入場後於考試開始 40 分鐘內不得離場。
4. 全部答題均須在試卷（答案卷）作答區內完成。
5. 試卷作答限用藍色或黑色筆（含鉛筆）書寫。
6. 試題須隨試卷繳還。

作答說明：本測驗共四部分，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。考完後將「答案卷」及「試題卷」一併繳回。

Part 1. Vocabulary (40%, 2 points for each)

Directions: Choose the appropriate vocabulary in the context.

- The cost of office _____ dropped significantly in the pandemic when workers went remote, as companies saved money on services like cleaning and security.
(A) maintenance (C) preservation
(B) conservation (D) precaution
- Having fewer employees on site translates to less daily cleaning and trash collection and spending on supplies like coffee filters, or pens, but they have been _____ by purchases like hand sanitizer and masks.
(A) switched (C) exchanged
(B) implemented (D) replaced
- At times and places where people live longer, healthcare is better, and education takes longer to finish, people usually make the choice to have fewer children and _____ them more carefully
(A) decline (C) cultivate
(B) nurture (D) generate
- According to researchers, there are an estimated 73,300 _____ of tree on Earth, 9,000 of which have yet to be discovered.
(A) species (C) variants
(B) variations (D) selections
- There are a few factors leading to the rise in airfare prices. Jet fuel prices increased 60 percent in 2021, and higher _____ are expected to continue.
(A) volumes (C) rates
(B) shares (D) ratios
- By 2050, approximately 80% of all food will be _____ in cities. An increasing urban population means food supply chains have become long and complex.
(A) attained (C) consumed
(B) exhausted (D) stimulated
- Social media giant Facebook has seen its daily active users drop for the first time in its history, in the face of competition from the _____ like YouTube or TikTok.
(A) candidates (C) contacts
(B) allies (D) rivals
- Carbon emissions are the greenhouse gas most _____ for climate change. The emissions play a key role in our extreme weather patterns.
(A) likely (C) accused
(B) regulated (D) responsible
- According to experts, the only way to reach climate targets is to shift production of all the big heavy industries, like steel, cement and automobiles, to electricity _____ from clean energy.
(A) transferred (C) removed
(B) generated (D) replaced
- Cotton bags have become a means for brands, retailers and supermarkets to convey a planet-friendly mind-set or to show that the companies are _____ of the overuse of plastic in packaging.
(A) available (C) aware
(B) receptive (D) reactive

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11. Reducing food waste is critical to eradicating food insecurity. The leading agricultural scientists have come up with some innovative ideas for how to _____ the problems.
(A) tackle (C) encounter
(B) attack (D) challenge
12. Researchers found that older women who _____ walked about two miles a day or a little more than 4,000 steps, lived longer than women who covered only about 2,000 steps.
(A) universally (C) exclusively
(B) collectively (D) regularly
13. Companies' most straightforward tactic to deal with worker shortages is to _____ pay.
(A) arise (C) rise
(B) elevate (D) raise
14. Air taxi is a hybrid between a helicopter and a fixed-wing plane. It takes off and lands _____.
(A) vertically (C) horizontally
(B) sharply (D) steeply
15. Eggs are high in protein and high in cholesterol; many people can probably eat them in _____ without worrying about heart risks.
(A) fairness (C) prosperity
(B) moderation (D) abundance
16. Environmental organizations are pushing for greater _____ in rooftop solar panels and local wind turbines as alternative energy.
(A) possession (C) investment
(B) speculation (D) experiment
17. It's difficult to predict whether a book will be a hit. Every book is different, so when the publishing industry tries to _____ demand for new books, it is just guessing.
(A) adjust (C) forecast
(B) regulate (D) weigh
18. Many scientists who study aging believe that biomedical breakthroughs may prolong life and enhance _____ in old age is valuable.
(A) dynamism (C) force
(B) animation (D) vitality
19. Agricultural areas will need to _____ considerably if we are to feed the growing, and increasingly global population.
(A) expand (C) amplify
(B) spread (D) discover
20. Many warehouse companies have bought robots to pick items off shelves and place them in boxes. And it reduced its _____ on part-time workers.
(A) process (C) support
(B) reliance (D) course

Part 2. Cloze (30%, 2 points for each)

Directions: Choose the appropriate words or phrases that best fit the blanks.

It is well accepted that smart communities could build better sustainability for citizens' lives. Cities around the world have been (21)_____ the groundwork to provide greater efficiencies by using digital solutions. For example, Stanford County in the U.S. has taken some (22)_____ to enhance public safety by adopting drones. Dijon in France improves the utility (23)_____ such as smart street lighting and smart parking to (24)_____ electric costs. It is worth noting that a smart community is not just about adopting high-tech advances, (25)_____ about creating solutions for enhancing quality of life factors.

21. (A) laying (C) lying
(B) lain (D) lied

22. (A) acts (C) initiatives
(B) motions (D) movements
23. (A) arrangement (C) organization
(B) structure (D) infrastructure
24. (A) turn over (C) cut down
(B) turn off (D) cut off
25. (A) and (C) nor
(B) but (D) yet

Longevity scientists who favor the idea of living for longer tend to speak of prosperity and possibility. Biomedically extended longevity would enrich human experience, which would mean the chance for the freedom to (26)_____ much more of the world. In contrast, other experts argue that extending life (27)_____ in the name of health is a hopeless pursuit. Perhaps the most common concern is the potential for overpopulation, considering the tremendous socioeconomic inequalities that already (28)_____ a world of nearly eight billion. There are still dozens of countries (29)_____ life expectancy is below 65, because of problems (30)_____ poverty, famine, limited education, poor public health and diseases.

26. (A) uncover (C) explore
(B) encounter (D) reveal
27. (A) era (C) existences
(B) extent (D) span
28. (A) assign (C) distribute
(B) divide (D) fragment
29. (A) where (C) which
(B) by which (D) whichever
30. (A) liking (C) alike
(B) to like (D) like

The natural sugar in whole fruit (fructose) is accompanied by fiber and nutrients, and (31)_____ a slow journey through our body. But when sugar is added to beverages or packaged foods, it's more quickly (32)_____ and burdens the liver. Whole fruits, instead of fruit juice, is a better choice because whole fruits (33)_____ fiber, which can slow the absorption of fructose. Sugars enter the bloodstream more slowly, (34)_____ the liver has more time to digest them. Fiber-rich foods like whole fruits break down slowly and travel farther through the digestive track, (35)_____ us feel full.

31. (A) makes (C) does
(B) creates (D) expands
32. (A) engaged (C) involved
(B) absorbed (D) drawn
33. (A) cover (C) hold
(B) involve (D) contain
34. (A) for (C) but
(B) that (D) so
35. (A) are making (C) to make
(B) has made (D) make

Part 3. Reading and Writing Integrated (30%, 2 points for each)

Directions: Read the passages and choose the appropriate answers.

Questions 36-40

(A) Although four-day work week is a relatively new concept, some organizations have already trialed it with positive results. A four-day week could create a more pleasing working atmosphere. A New Zealand based company found that employees not only remained productive, but also improved job satisfaction. A four-day week also encourages an equal workplace. For example, it allows people, especially women, to pursue a career goal while having more time left over to take childcare responsibilities. (B) Another positive effect is greater employee engagement. A Swedish study reported that nurses showed a higher level of engagement as they contributed 85% more activities in patient care.

(C) Experts suggest that productivity and engagement levels might not be necessarily higher as some companies requested employees to fulfill five-day tasks within four days. Should companies adopt a shorter work week? It could be a viable, but not the only option. (D)

36. What is the passage mainly about?
- (A) Positive results of a four-day work week.
 - (B) Pros and cons of a four-day work week.
 - (C) Four-day work week jobs for women.
 - (D) A four-day work week in Sweden.
37. Which of the followings regarding an equal workplace will the author most likely agree with?
- (A) Gender plays a role in job satisfaction.
 - (B) Females have more career options than males.
 - (C) It is challenging for working women to find work-life balance.
 - (D) Companies do not give working parents and caregivers supports.
38. Why does the author mention a study from Sweden?
- (A) To categorize different levels of employee engagement.
 - (B) To exemplify an advantage of four-day work week.
 - (C) To explain a strategy to engage employees.
 - (D) To describe job duties of nurses.
39. What is the most logical place for the following sentence?
While there are many advantages to a four day work week, challenges remain.
- (A) A.
 - (B) B.
 - (C) C.
 - (D) D.
40. What is the author's attitude towards a four-day work week?
- (A) Skeptical.
 - (B) Pessimistic.
 - (C) Optimistic.
 - (D) Humorous.

Questions 41-45

The tea industry makes it seem that you need a PhD to make Oolong tea, but you don't. There are really only three steps that you need to know to brew the best cup of Oolong tea.

The first step is to boil the water to the right temperature. (A) After that, you take the lid off and wait until it's not piping steam off the top. The ideal temperature for Oolong teas is between 80°C-85°C. (B) Then, you put one tablespoon of tea per one cup of water. If you like stronger tea, add more leaves. And if you're going to make iced tea, double the concentration. (C) The last step is to steep the tea. The steep time for Oolong Tea is around 3-5 minutes. In other words, you need to wait 3-5 minutes before your Oolong tea is ready. (D)

41. What is the purpose of the passage?
 (A) To compare and contrast the different methods of making Oolong tea.
 (B) To provide a concise definition of what the best cup of Oolong tea is.
 (C) To demonstrate the process of making the best cup of Oolong tea.
 (D) To argue for the importance of having a PhD in making Oolong tea.
42. What is the most logical place for the following sentence, in Paragraph 2?
To do so, you put the water in a kettle and heat it until it boils.
 (A) A.
 (B) B.
 (C) C.
 (D) D.
43. According to the passage, how do you know when the water is at the right temperature?
 (A) By taking the lid of the kettle off and touching it.
 (B) By observing the steam from the top of the kettle.
 (C) By using a tablespoon to feel the steam from the kettle.
 (D) By waiting for around 3-5 minutes after the water boils.
44. How much tea leaves do you need when you want to make iced tea?
 (A) 0.5 tablespoon.
 (B) 1 tablespoon.
 (C) 1.5 tablespoons.
 (D) 2 tablespoons.
45. In Paragraph 2, what does “steep” mean?
 (A) To know a lot about something.
 (B) To have more than expected.
 (C) To rise or fall at a sharp angle.
 (D) To cause to stay in a liquid.

Questions 46-50

Read the passage and the table below. Choose a heading for (1) to (5) each from the table. There is one more heading than you need.

Headings

- A Using cloth no longer enough
- B How to dispose of a mask
- C Sanitizing hands before touching masks
- D Bagging it up
- E When to throw a mask out
- F Caring for cloth masks

Masks are proven to reduce the risk of COVID-19 transmission and help keep us safe, but they do need to be handled with specific care to remain effective. The followings are the suggestions to care for face masks:

(1) _____

When you're not using your mask, put it in a ziplock bag or paper bag. If you have some disinfectant handy, you can give it a light spray before putting it away.

(2) _____

Although the “no touching” advice applies to both cloth and disposable masks, while cloth masks were fine for other variants, they were not effective when used against Omicron.

(3) _____

There are two factors. If a mask is “visibly damp or soiled”, dispose it. The other factor is the length of time you've worn the mask, which shouldn't be more than 8 to 10 hours.

(4) _____

Masks are an environmental hazard. Since there is a lack of appropriate facilities and equipment in waste recycling facilities, for now, you should put the used masks in the rubbish bin.

(5) _____

They are still better than wearing nothing, and need to be machine washed at 60°C after each day's use. That means if you are wearing cloth masks daily, you'll need to have several on rotation.

46. What is the best heading for (1)?

- (A) A.
- (B) B.
- (C) C.
- (D) D.

47. What is the best heading for (2)?

- (A) A.
- (B) C.
- (C) E.
- (D) F.

48. What is the best heading for (3)?

- (A) C.
- (B) D.
- (C) E.
- (D) F.

49. What is the best heading for (4)?

- (A) A.
- (B) B.
- (C) D.
- (D) E.

50. What is the best heading for (5)?

- (A) A.
- (B) B.
- (C) E.
- (D) F.