

國立成功大學
110學年度碩士班招生考試試題

編 號：181

系 所：電腦與通信工程研究所

科 目：通訊工程英文

日 期：0203

節 次：第 1 節

備 註：不可使用計算機

※ 考生請注意：本試題不可使用計算機。請於答案卷(卡)作答，於本試題紙上作答者，不予計分。

I. Choose the word or phrase that best completes each sentence (2% × 10 = 20%).

1. He couldn't rest or sleep because ___ too much coffee.
(A) drinking (B) been drinking (C) had been drinking (D) he had been drinking
2. My brother together with his friends, always ___ round collecting wood for bonfire night
(A) go (B) goes (C) going (D) gone
3. Some of the girls in my group are surprised that I don't wear make-up, but I don't ____.
(A) wear (B) care (C) do (D) like
4. The team all wanted coffee so I made ____.
(A) it them (B) some it (C) some them (D) them some
5. The director ___ to us that there had been financial problems earlier in the year.
(A) concluded (B) offered (C) revealed (D) told
6. DNA tests ___ accepted in court cases.
(A) are known (B) were used (C) have been (D) will have
7. The new job provided money for expensive toys, but not very ___ time to play with them.
(A) little (B) few (C) much (D) a lot
8. They said on the news that ___ of Scotland was covered in snow.
(A) each (B) half (C) whole (D) any
9. ___ real work was done in the office while the boss was away.
(A) Not a (B) Not any (C) No (D) None
10. Once you ___ into a routine, you'll find the work is quite easy.
(A) are settling (B) have settled (C) settled (D) will settle

II. Each of the following sentences contains either a single error or no error at all. If the sentence contains an error, select the one underlined part that must be changed to make the sentence correct. If the sentence is correct, select choice E (3% × 5 = 15%).

11. The country found that its economy ^Awas growing ^Bmore stronger, with ^Can improved outlook and more opportunities ^Dfor training and employment. ^ENo error
12. The iris, the colored part of the eye, ^Acontains delicate patterns that ^Bare ^Cunique to each person, offering a powerful ^Dmeans of identification. ^ENo error
13. The ^Anewly elected Prime Minister, ^Bto the dismay of opponents from other parties, ^Chave argued for ^Dthe strict regulation of campaign financing. ^ENo error
14. Studies ^Ahave suggested that eating nuts—almonds in particular—might help to ^Blower blood cholesterol levels in humans and ^Creducing the risk of heart disease ^Dby protecting the blood vessels. ^ENo error

15. When Doris Lessing published *The Golden Notebook* in 1962, ^Ait ^Binstantly established herself ^Cas one of the ^Dmost important literary voices of her generation. ^ENo error

III. Choose the correct sentence for the underlined portion (3% × 5 = 15%).

16. Acme, the family oriented entertainment company, has moved away from traditional family programming and now draws on the production both of adult entertainers who work for magazines and of those in the movie industry.
(A) now draws on the production both of adult entertainers who work for magazines and of those
(B) now draws on the works of adult entertainers, both those who work for magazines and those who work
(C) it draws on the works of adult entertainers now, both those working for magazines and who work
(D) draws now on the works both of adult entertainers working for magazines and who are working
(E) draws on the works now of both adult entertainers working for magazines and those
17. Although coffee is not usually considered a drug, it is so addictive that it has become a critical part of breakfast for many people.
(A) it is so addictive that it has become a critical
(B) it is of such addiction, it has become a critical
(C) so addicting is it as to become a critical
(D) such is its addiction, it becomes a critical
(E) there is so much addiction that it has become a critical
18. The survey showed that children are much more psychologically stable when raised in a family with two parents than in a family where one parent only cares for the child.
(A) a family where one parent only
(B) of a family where only one parent
(C) that for families in which only one parent
(D) a family in which only one parent
(E) those of families in which one parent only
19. The CEO has proposed a new policy requiring that employees should retain all pensions indefinitely or be allowed to cash them in at retirement.
(A) that employees should retain all pensions
(B) that all pensions be retained by employees
(C) the retaining by employees of all pensions
(D) employee's retention of all pensions
(E) employees to retain all pensions
20. The recently discovered notes of the writer suddenly revealed that this most timid and shy of women was an intellectual giant guided in both emotional and spiritual activities by a sharp sense of moral

courage.

- (A) that this most timid and shy of women was an intellectual giant guided in both emotional and
- (B) that this most timid and shy of women was an intellectual giant also guided both in emotional as well as
- (C) this most timid and shy of women was an intellectual giant and that she was guided in both emotional and
- (D) this most timid and shy of women was an intellectual giant and that she was guided in both emotional as well as
- (E) this most timid and shy of women to have been an intellectual giant and that she guided herself in both emotional as well as

IV. Reading (3% × 10 = 30%).

Article A

Black holes are the most efficient engines of destruction known to humanity. Their intense gravity is a one-way ticket to oblivion, and material spiraling into them can heat up to millions of degrees and glow brightly. Yet, they are not all-powerful. Even supermassive black holes are minuscule by cosmic standards. They typically account for less than one percent of their galaxy's mass. Accordingly, astronomers long assumed that supermassive holes, let alone their smaller cousins, would have little effect beyond their immediate neighborhoods. So it has come as a surprise over the past decade that black hole activity is closely intertwined with star formation occurring farther out in the galaxy.

21. Which best describes the function of the statement in lines 6-8 ("So it . . . galaxy") ?
- (A) It summarizes the points made in the first four lines of the passage.
 - (B) It provides support for the argument asserted in the preceding statement.
 - (C) It introduces a new view of information presented earlier in the passage.
 - (D) It challenges recent scientific findings.
 - (E) It offers examples to support a theory
22. Which of the following most resembles the relationship between "black hole activity" and "star formation" (line 7) as described in the passage?
- (A) A volcanic eruption on one continent results in higher rainfall totals on another continent.
 - (B) Industrial emissions in one region lead to an increase in airborne pollutants in adjacent regions.
 - (C) A drought in a wilderness area causes a significant loss of vegetation in that area.
 - (D) Decreased oil production in one country results in higher gas prices in oil-dependent countries.
 - (E) Overfishing in a gulf leads to an increase in the population of smaller aquatic organisms.

Article B

Georgia was to be married. It was the week before Christmas, and on the last day of the year she would become Mrs. Joseph Tank. She had told Joe that if they were to be married at all they might as well get it over with this year, and still there was no need of being married any earlier in the year than was necessary. She assured him that she married him simply because she was ²³tired of having paper bags waved before her eyes everywhere she went and she thought if she were once officially associated with him people would not flaunt his idiosyncrasies at her that way. And then Ernestine, her best friend, approved of getting married, and Ernestine's ideas were usually good. To all of which Joe responded that she certainly had a splendid head to figure it out that way. Joe said that to his mind reasons for doing things weren't very important anyhow; it was doing them that counted.

Yesterday had been her last day on the paper. She had felt queer about that thing of taking her last assignment, though it was hard to reach just the ²⁴proper state, for the last story related to pork-packers, and pork-packing is not a setting favorable to sentimental regrets. It was just like the newspaper business not even to allow one a little sentimental harrowing over one's exodus from it. But the time for gentle melancholy came later on when she was sorting her things at her desk just before leaving, and was wondering what girl would have that old desk—if they cared to risk another girl, and whether the other ²⁵poor girl would slave through the years she should have been frivolous, only to have some man step in at the end and induce her to surrender the things she had gained through sacrifice and toil.

As she wrote a final letter on her typewriter—she did hate letting the old machine go—Georgia did considerable philosophizing about the ²⁶irony of working for things only to the end of giving them up. She had waded through snowdrifts and been drenched in pouring rains, she had been frozen with the cold and prostrated with the heat, she had been blown about by Chicago wind until it was strange there was any of her left in one piece, she had had front doors—yes, and back doors too—slammed in her face, she had been the butt of the alleged wit of menials and hirelings, she had been patronized by vapid women as the poor girl who must make her living some way, she had been roasted by—but never mind—²⁷she had had a beat or two! And now she was to wind it all up by marrying Joseph Tank, who had made a great deal of money out of the manufacture of paper bags. ²⁸This from her—who had always believed she would end her days in New York, or perhaps write a realistic novel exposing some mighty evil!

23. Based on information presented in the passage, which best describes what Georgia was "tired of"?

- (A) Being forced to earn a living
- (B) Being teased about Joseph Tank
- (C) Being considered a hack writer by some of her colleagues
- (D) Being betrayed by her supposed friends
- (E) Being the only woman in the newsroom.

24. The second paragraph suggests that Georgia believes the “proper state” would be one of
- (A) excitement
 - (B) wistfulness
 - (C) amusement
 - (D) annoyance
 - (E) relief
25. In the second paragraph, “poor” most nearly means
- (A) pitiable
 - (B) indigent
 - (C) inferior
 - (D) humble
 - (E) petty
26. Which most resembles the “irony” mentioned in the third paragraph?
- (A) A worker moving to a distant state to take a job, only to be fired without warning
 - (B) An executive making an important decision, only to regret it later
 - (C) An athlete earning a starting position on a good team, only to quit in midseason
 - (D) A student studying for a major exam, only to learn that it has been postponed
 - (E) A person purchasing an expensive umbrella, only to lose it on the first rainy day
27. The description in the third paragraph (“She . . . two!”) primarily serves to
- (A) suggest that Georgia envied those women who did not have to work
 - (B) imply that Georgia would be unlikely ever to consider working as a reporter again
 - (C) indicate the role that weather plays in the everyday life of a reporter
 - (D) exaggerate Georgia’s reluctance to relinquish her job
 - (E) show the adversities Georgia had to overcome
28. In context, the phrase “This from her” helps to suggest that a
- (A) specific feeling is quite heartfelt
 - (B) stated viewpoint is highly personal
 - (C) certain decision is out of character
 - (D) particular behavior is extremely upsetting
 - (E) given attitude is unsurprising as a reporter

Article C

Ridiculing television, and warning about its inherent evils, is nothing new. It has been that way since the medium was invented, and television hasn't exactly been lavished with respect as the decades have passed. I suspect, though, that a lot of the fear and loathing directed at television comes out of a time-honored, reflexive overreaction to the dominant medium of the moment. ³⁰For the past several decades, television has been blamed for corrupting our youth and exciting our adults, distorting reality, and basically being a big, perhaps dangerous, waste of time. Before TV, radio and film were accused of the same things. And long before that—in fact, some 2,500 years earlier—philosophers were arguing that poetry and drama should be excluded from any ideal city on much the same grounds

29. The paragraph primarily serves to

- (A) criticize the way television distorts the truth
- (B) examine the evolution of television as a medium
- (C) place contemporary criticism of television in a historical context
- (D) directly compare television and drama as art forms
- (E) explain why television, radio, and drama appeal to the masses

30. Which of the following television shows would be LEAST vulnerable to the criticism expressed in "For . . . time"?

- (A) A melodrama in which police detectives attempt to solve crimes
- (B) A soap opera depicting interpersonal conflicts in a fictional law firm
- (C) A comedy whose primary characters are supernatural
- (D) A documentary on the state of education in the nation
- (E) A talk show that encourages people to confront each other in front of a studio audience

V. Translation into Chinese (20%)

請閱讀以下與通訊網路服務對當代人們生活方式影響的文章，評分重點為語意精確度，除了標示有底線的字彙不需翻譯之外，中文段落中每出現一個英文字彙扣 2 分。

文章出處(不須翻譯):

Source: "No Cell Service. No Wi-Fi. Just Childhood", New York Times, April 15, 2019.

Nearly 15 million Americans live in sparsely populated communities where there is no broadband internet service at all, a stark digital divide across America between those with access to uber-fast connections and those with none. But in Green Bank, where the restrictions are mandatory, the quiet zone has in many ways created a *time warp* (時間錯位) in the mountainous region. Phone booths loom near *barns* (穀倉) and stand

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guard on rural roads. Paper maps are still common. Here, people are less distracted by the technologies that have come to dominate 21st-century American life. At a time when nearly 60% of American teens say they have been bullied or harassed online, and studies have found links between social media use and teen mental health problems, the digital limitations around Green Bank have created a unique kind of modern childhood, providing a *glimpse* (一瞥) into what it means to grow up without the constant buzz of texting and social media.