

國立清華大學 107 學年度碩士班考試入學試題

系所班組別：計量財務金融學系碩士班 甲組、乙組

考試科目（代碼）：英文（4901、5001）

共 12 頁，第 1 頁

*請在【答案卡】作答

試題共 50 題，單選題。每題二分，答錯不倒扣分。

一、請選出同義字(syn.)

1. prevalent
(A) widespread
(B) limited
(C) rare
(D) uncommon
2. compulsory
(A) optional
(B) voluntary
(C) necessary
(D) free
3. questionable
(A) proven
(B) doubtful
(C) obvious
(D) definite
4. dissent
(A) assent
(B) concur
(C) comply
(D) contradict
5. beneficence
(A) sympathy
(B) selfishness
(C) coldness
(D) meanness

二、請選出反義字(ant.)

6. despondent
(A) depressed
(B) downhearted
(C) miserable
(D) optimistic

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7. spurious
(A) false
(B) fraudulent
(C) genuine
(D) pseudo
8. inexplicable
(A) understandable
(B) indescribable
(C) unexplainable
(D) unaccountable
9. rigorous
(A) demanding
(B) tough
(C) exhausting
(D) effortless
10. plentiful
(A) rich
(B) overflowing
(C) sparse
(D) plenteous

三、文法(Grammar)

11. The NTHU, _____ in 1911, has campuses throughout northern Taiwan.
(A) established
(B) was established
(C) it was established
(D) to be established
12. Northern Taiwan generally receives more rain than _____ southern Taiwan.
(A) does
(B) in
(C) it does in
(D) in it does

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13. Like turtles, lots of other animals with slow metabolism, including snakes and frogs, _____ relatively long life spans.
(A) enjoying
(B) which enjoy
(C) they enjoy
(D) enjoy
14. Because the earth is the only planet we have, _____ to take care of it.
(A) which is our responsibility
(B) that is our responsibility
(C) it is our responsibility
(D) our responsibility it is
15. The hearing aid is a helpful device for a person with defective hearing _____ the pressure of sound waves and deliver the amplified sounds to the air.
(A) that in it can increase
(B) in that can increase
(C) that increases
(D) in that it can increase
16. _____ financial crisis period, major changes occurred.
(A) While the
(B) It was during the
(C) The
(D) During the
17. _____ as truth by a person may be regarded as prejudice by another.
(A) What is perceived
(B) What perceived
(C) Perceived what it is
(D) What it is perceived
18. Binoculars can be used for watching birds, gazing at moon, and _____.
(A) at sea for people spotting
(B) spotting ships at sea
(C) for people to spot ships at sea
(D) spot ships at sea

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19. The factors underlying crime are _____ no easy, instant and easy solution to stop it is possible.
(A) very complex, as a result,
(B) complex that
(C) such complex
(D) so complex that
20. The world would be less homogeneous than it is today, _____.
(A) if internet was not invented
(B) if internet not invented
(C) had internet not been invented
(D) internet having not been invented
21. _____ advent of satellites, scientists are finally able to measure the solar energy output.
(A) With the
(B) The
(C) While the
(D) Only the

四、請選出(A)保留或(B)~(E)替代劃底線部份；依文法、用字、句子結構選出最簡潔、清楚正確表達選項 (Sentence correction)

22. Real personal income, excluding the effect of inflation, has rapidly risen from 1970 up to 1990 but virtually does not change from 1990 up to 2010.
(A) has rapidly risen from 1970 up to 1990 but virtually does not change from 1990 up
(B) arose with rapidity from 1970 up to 1990 and was virtually unchanged from 1990 up
(C) rose with rapidity from 1970 to 1990 and virtually is unchangeable from 1990
(D) rose rapidly from 1970 to 1900 but was virtually unchanged from 1990
(E) rapidly rises from 1970 to 1990 and virtually is unchanged from 1990
23. The papers in the City Archives recounting the experiences of some 1,500 foreign workers who joined the infrastructure for the decades have been prepared to be published by the researcher Jeff Lin.
(A) to be published by
(B) for publication by
(C) for publishing by
(D) for the publication by
(E) as the publication of

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24. John's wife was recovering at the hospital when she suffered a second fatal attack.
- (A) when she suffered a second fatal attack
 - (B) when a second fatal attack was suffered
 - (C) and then suffered a second fatal attack
 - (D) but then suffered a second fatal attack
 - (E) when she suffered a second and fatal attack
25. About 50 companies in Taiwan are now using the new technology of gene splicing to make products that may be able someday to do everything from boosting crop growth to the treatment of cancer.
- (A) may be able someday to do everything from boosting crop growth to the treatment of
 - (B) may someday be able to do everything from boosting crop growth to treating
 - (C) someday can perhaps do everything from the boosting of crop growth to treating
 - (D) can, perhaps, someday do everything from the boosting of the growth of crops to treating
 - (E) can someday perhaps do everything from boosting the growth of crops to the treatment of
26. Many financial institutions are suffering because they are forced to pay at least 8 percent or more interest to attract deposits and carry many mortgages not earning 7 percent.
- (A) or more interest to attract deposits and carry many mortgages not earning
 - (B) interest to attract deposits while carrying many mortgages that earn less than
 - (C) interest for attracting deposits but carry many mortgages that earn less than
 - (D) interest for attracting deposits while carrying many mortgages not earning
 - (E) or more interests to attract deposits but carry many mortgages that earn less than
27. The growth of world trade in services has been three times that of goods, and the Japan, with the excellent service sector, has the most to benefit from the liberalization of trade restrictions on services.
- (A) that of
 - (B) as much as
 - (C) what it was in
 - (D) what it has been for
 - (E) that of world trade in

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28. In her study, Jessica illustrates that crime rates have risen as poverty has declined and housing has improved.
- (A) as poverty has declined and housing has improved
 - (B) at the same time that poverty declines and housing improves
 - (C) while there is a decline in poverty and an improvement in housing
 - (D) but poverty declines and housing improves
 - (E) even though there are poverty declines and housing improvements
29. For the decades, companies in Taiwan have increased spending for research and design far faster than the inflation rate.
- (A) far faster than the inflation rate
 - (B) exceeding by far the rate of inflation
 - (C) far faster than rising inflation
 - (D) at a rate far exceeding the rate of inflation
 - (E) far faster than the rising of inflation rate
30. After six months of investigation, it became apparent that corporate tax has not and probably will not be paid by the insolvent corporation.
- (A) and probably will not be paid
 - (B) been and probably will not be paid
 - (C) been paid and probably will not be
 - (D) been paid nor probably will be
 - (E) been and will not be paid, probably
31. Never before in the history of music have musical superstars been able to command so extraordinary fees of the kind they do today.
- (A) so extraordinary fees of the kind they do today
 - (B) so extraordinary fees as they are today.
 - (C) such extraordinary fees as they do today
 - (D) such extraordinary fees of the kind today's have
 - (E) so extraordinary a fee of the kind they can today

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32. The relationship between corpulence and disease remain controversial, although statistics clearly associated a reduced life expectancy with chronic obesity.
- (A) remain controversial, although statistics clearly associated a reduced life expectancy with
 - (B) remain controversial, although statistics clearly associates a reduced life expectancy with
 - (C) remain controversial, although statistics clearly associates reduced life expectancy to
 - (D) remains controversial, although statistics clearly associate a reduced life expectancy with
 - (E) remains controversial, although statistics clearly associate reduced life expectancy to
33. From 1980 on, Taiwan's standard of living has soared, but prices too.
- (A) but prices too
 - (B) and also prices
 - (C) but so has prices
 - (D) and so also prices
 - (E) but so did prices
34. The fifty largest manufacturing firms in Taiwan produce goods that are worth almost as much as that of the five thousand firms that remain.
- (A) that are worth almost as much as that of the five thousand firms that remain
 - (B) of a worth that is almost as much as that of the five thousand firms that remain
 - (C) almost as much in worth as those of the remaining five thousand firms
 - (D) worth almost as much as those of the remaining five thousand firms
 - (E) almost as much in worth as that of the remaining five thousand firms
35. Stable interest rates on long-term bonds are the financial market's vote of confidence in the Central Bank keeping in control of inflation.
- (A) in the Central Bank keeping in control of inflation
 - (B) that the Central Bank will keep inflation under control
 - (C) for the Central Bank, that it would keep control of inflation
 - (D) that inflation will be kept control of by the Central Bank
 - (E) that inflation would be kept control of by the Central Bank

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36. Unlike neighboring cities, the inhabitants of HsinChu have more job opportunity especially in high-tech industry.
- (A) Unlike
 - (B) Unlike those of
 - (C) Different from those of
 - (D) Different than those in
 - (E) Dissimilar to

五、閱讀測驗 (Reading comprehension)

Questions 37-41

Although speech is the most advanced form of communication, there are many ways of communicating without using speech. Signals, sign, symbols, and gestures may be found in every known culture. The basic function of a signals is to impinge upon the environment in such a way that it attracts attention. Coded to refer to speech, the potential for communication is very great. Less adaptable to the codification of words, signs also contain meaning in and of themselves. A stop sign or a barber pole conveys meaning quickly and conveniently. Symbols are more difficult to describe than either signals or signs because of their intricate relationship with the receiver's cultural perceptions. In some culture, applauding in a theater provides performers with an auditory symbol of approval. Gestures such as waiving and handshaking also communicate certain cultural messages.

Although signals, signs, symbols, and gestures are very useful, they do have a major disadvantage. Before internet era, they usually did not allow ideas to be shared without the sender being directly adjacent to receiver. As a result, means of communication intended to be used for long distances and extend periods were based upon speech.

37. Which of the following would be the best title for the passage
- (A) Signs and Signals
 - (B) Gestures
 - (C) Communication
 - (D) Speech
38. What does the author say about speech?
- (A) It is the most advance form of communication.
 - (B) It is only true form of communication.
 - (C) It is dependent upon the advances made by inventors.
 - (D) It is necessary for communication to occur.

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39. According to the passage, what is a signal?
(A) The form of communication most related to cultural perceptions.
(B) A form of communication that interrupts the environment.
(C) The most difficult form of communication to describe.
(D) A form of communication which may be used across long distances.
40. Applauding was cited as an example of
(A) a signal.
(B) a sign.
(C) a symbol.
(D) a gesture.
41. The word "intricate" in the line 8 could best be replaced by which of the following?
(A) inefficient
(B) complicated
(C) understandable
(D) certain

Questions 42-46

Human memory, formerly believed to be rather inefficient, is really more sophisticated than that of a computer. Researchers approaching the problem from a variety of points of view have all concluded that there is a great deal more stored in our minds than has been generally supposed. Dr. Wilder Penfield, a Canadian neurosurgeon, proven that by stimulating their brains electrically, he could elicit the total recall of specific events in his subjects' lives. Even dreams and other minor events supposedly forgotten for many years suddenly emerged in detail.

The memory trace is the term for whatever is the internal representation of the specific information about the event stored in the memory. Assumed to have been made by structural changes in the brain, the memory trace is not subject to direct observation but is rather a theoretical construct that use to speculate about how information presented at a particular time can cause performance at a later time. Most theories include the strength of the memory trace as a variable in the degree of learning, retention, and retrieval possible for a memory. One theory is that the fantastic capacity for storage in the brain is the result of an almost unlimited combination of interconnections between brain cells, stimulated by patterns of activity. Repeated references to the same information supports recall. Or, to say that another way, improved performance is the result of strengthening the chemical bonds in the memory.

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42. With what topic is the passage mainly concerned?
(A) Wilder Penfield
(B) Neurosurgery
(C) Human memory
(D) Chemical reactions
43. The word "that" in line 2 refers to
(A) the computer.
(B) the efficiency.
(C) the sophistication.
(D) the memory.
44. According to the passage, researchers have concluded that
(A) the mind has a much greater capacity for memory than was previously believed.
(B) the physical basis for memory is clear.
(C) different points of view are valuable.
(D) human memory is inefficient.
45. How did Penfield stimulate dreams and other minor events from the past?
(A) By surgery
(B) By electric stimulation
(C) By repetition
(D) By chemical stimulation
46. All of the following are true of a memory trace EXCEPT that
(A) it is possibly made by structural changes in the brain.
(B) it is able to be observed.
(C) it is a theoretical construct.
(D) it is related to the degree of recall.

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Questions 47-50

Tillie Olsen's fiction and essays have been widely and rightly acknowledged as major contributions to American literature. Her work has been particularly valued by contemporary feminists. Yet few of Olsen's readers realize the extent to which her vision and choice of subject are rooted in an earlier literary heritage—the tradition of radical political thought, mostly socialist and anarchist, of the 1910's and 1920's and the Old Left tradition of 1930's. I do not mean that one can adequately explain the eloquence of her work in terms of its political origins or that left-wing politics were the single most important influence on it. My point is that its central consciousness—its profound understanding of class and gender as shaping influences on people's lives—owes much to that earlier literary heritage, a heritage that, in general, has not been sufficiently valued by most contemporary literary critics.

47. The primary purpose of the passage is to
- (A) argue that Olsen's understanding of class and gender is her greatest gift as a writer.
 - (B) acknowledge Olsen's importance as the leading spokesperson for a radical literary heritage.
 - (C) point out a literary heritage to which Olsen's work is related.
 - (D) urge literary critics to investigate the origins of a literary heritage.
 - (E) suggest that Olsen's work has been placed in a literary heritage to which it does not belong.
48. According to the author, which of the following is true of the heritage mentioned in the passage?
- (A) It emphasizes gender as the determinate influence on people's lives.
 - (B) It has been the most important influence on Olsen's work.
 - (C) It includes political traditions that span three decades of the twentieth century.
 - (D) It explains the eloquence but not the subject matter of Olsen's work.
 - (E) It reflects primarily the development of socialist political thought in the early twentieth century.

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49. In the sentence "I do not ... influence on it", the author does which of the following?
- (A) Broadens an existing classification.
 - (B) Contradicts the passage's central thesis.
 - (C) Qualifies a commonly accepted point of view.
 - (D) Presents conflicting explanations for a phenomenon.
 - (E) Denies possible interpretations of an earlier assertion.
50. According to the author, Olsen's work has been
- (A) rightly acknowledge for its contribution to political thought.
 - (B) thought to represent the beginning of new literary tradition.
 - (C) a needed impetus for social change.
 - (D) most clearly influenced by feminism.
 - (E) deservedly admired by readers.