

國 立 清 華 大 學 命 題 紙

97 學年度計量財務金融學系(所) 甲、乙組碩士班入學考試

科目 英文 科目代碼 5101、5201 共 9 頁第 1 頁 *請在【答案卷卡】內作答

Instructions

1. There are 40 questions and each counts 2.5 points.
2. For each question, please select the most correct answer choice given. No minus point for the wrong answer.

1 Choose the letter of the word or phrase that correctly completes the sentence. Seismographs are used to locate oil, to determine ocean depth, and ___ and measure earthquakes.

- A. detect
- B. be detecting
- C. to detect
- D. are detecting
- E. are being detecting

2 Choose the letter of the word or phrase that correctly completes the sentence. ___ cell in the body is far from a capillary.

- A. Not
- B. No
- C. Not only a
- D. Neither a
- E. Neither an

3 Choose the letter of the word or phrase that correctly completes the sentence. When direct-dial telephones achieved ___ in the 1960s, nationwide faxing became possible.

- A. used widespread
- B. were used widespread
- C. being used widespread
- D. use widespread
- E. widespread use

4 Choose the letter of the word or phrase that correctly completes the sentence. Willa Cather, ___ a prominent American writer, grew up in Nebraska during the early farming years.

- A. who became
- B. became
- C. she became
- D. it is she who became
- E. being become

5 Choose the letter of the word or phrase that correctly completes the sentence. ___ rain at all falls in the dry season in the savanna regions of Africa.

- A. Not
- B. No
- C. Not only
- D. Neither
- E. Without

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6 Choose the letter of the word or phrase that correctly completes the sentence. In a Rorschach test, the subject describes ___ sees in a series of inkblots.

- A. that he or she
- B. he or she
- C. seeing he or she
- D. what he or she
- E. which he or she

7 Choose the letter of the word or phrase that correctly completes the sentence. ___ will be increasingly used as a source of petrochemicals when oil begins to run out.

- A. No matter coal
- B. No doubt coal
- C. If coal
- D. That coal
- E. Were coal

8 Choose the letter of the word or phrase that correctly completes the sentence. Digital systems work first by changing quantity and then ___ into strips of numbers.

- A. convert the measurements
- B. the measurements convert
- C. to convert the measurements
- D. converting the measurements
- E. was converted the measurements

9 The word "epitomized" could best be replaced by which of the following?

- A. Typified
- B. Systemized
- C. Supervised
- D. Glorified
- E. Deeply

10 Choose the answer that could best replace the underlined word without changing the meaning of the sentence. The flowering pebble is a plant that looks like a stone and grows in arid areas.

- A. Saturated
- B. Damp
- C. Dry
- D. Immersed
- E. Sultry

11 Man: Did I miss anything while I was buying the hot dogs and sodas?

Woman: Yes, our team scored a touchdown!

Question: Where is this conversation taking place?

- A. At a shopping center
- B. At the circus
- C. At a cafe
- D. At a stadium
- E. At a bookstore

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科目 英文 科目代碼 5101、5201 共 9 頁第 3 頁 *請在【答案卷卡】內作答

12 Choose the answer that could best replace the underlined word without changing the meaning of the sentence. Guam, an island in the West Pacific, was ceded to the United States.

- A. given over to
- B. attacked by
- C. ruled by
- D. influenced by
- E. kept

13 Choose the answer that could best replace the underlined word without changing the meaning of the sentence. Harriet Beecher Stowe was an obscure writer until the publication of *Uncle Tom's Cabin*.

- A. Anonymous
- B. Unknown
- C. Infamous
- D. Eminent
- E. Popular

14 Choose the answer that could best replace the underlined word without changing the meaning of the sentence. A benign lesion usually has a regular border.

- A. Humane
- B. Petrified
- C. Congenial
- D. Harmless
- E. Ruthless

15 Choose the answer that could best replace the underlined word without changing the meaning of the sentence. The profuse tropical forests of the Amazon are inhabited by different kinds of animals.

- A. Wild
- B. Distant
- C. Abundant
- D. Immersed
- E. Survival

16 Choose the answer that could best replace the underlined word without changing the meaning of the sentence. Certain wild animals are weighed and studied before the effect of the tranquilizer wears off.

- A. Decays
- B. Removes
- C. Leaves
- D. Shrinks
- E. Restore

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科目 英文 科目代碼 5101、5201 共 9 頁第 4 頁 *請在【答案卷卡】內作答

17 Man: Hold your club firmly, like this.

Woman: Like this?

Man: That's right. When you swing, make sure you swing with all the power in your body, including your back, not only in your arms.

Woman: That will make the ball go further?

Question: What are the man and woman playing?

- A. Golf
- B. Bowling
- C. Tennis
- D. Badminton
- E. Basketball

Please answer questions 18-20 following the short article on the basis of what is stated or implied in the article.

What is heavy, hard, silver in color, and shiny? Many metals fit this description, metals like nickel, platinum, and silver itself. Only one metal, however, is unlike the others in that it is not a hard solid; in fact, at room temperature, it is a liquid. That metal is mercury. Mercury, also known originally as "quicksilver," is one of the more important metals. It is important in two ways: for its positive contributions to metallurgy and chemistry, and, unfortunately, for its negative impact as a toxic substance, toxic to all living things. On the positive side, mercury is useful in the processing of many industrial and chemical products. Because of this usefulness, however, it is often found in industrial pollution, finding its way into water where fish and other aquatic life forms bring it into man's diet, with catastrophic—and therefore negative—results.

18 The difference between mercury and other metals is that

- A. it is shiny.
- B. it is not hard.
- C. it looks like silver.
- D. it is heavy.
- E. it is colorless.

19 What positive contribution does mercury make?

- A. It is a toxic substance.
- B. It enters man's food chain.
- C. It impacts all life forms catastrophically.
- D. It assists in industrial production.
- E. It pollutes aquatic life forms.

20 Which of the following would be an example of an "aquatic life form"?

- A. seaweed
- B. quicksilver
- C. platinum
- D. mercury
- E. lion

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科目 英文 科目代碼 5101、5201 共 9 頁第 5 頁 *請在【答案卷卡】內作答

Please answer questions 21-23 following the short article on the basis of what is stated or implied in the article.

George Orwell (1903-1950) was one of the most important English writers of the 20th century. Best known for his two anti-utopian novels, *Animal Farm* and *Nineteen Eighty Four*, Orwell left many well-written and thought-provoking essays and novels which have served both as a timeless standard for prose and a reminder of the terrors that governments can impose on their citizens.

Born in Bengal during the British colonial period of India, young George was nonetheless sent home to Great Britain for a “proper” education. He was admitted to preparatory school and then Eton, still now the top academy for young scholars. Unlike his classmates who graduated into top government, business, or academic professions, Orwell instead returned to Asia, taking a minor post as a policeman in what today is Myanmar.

The experience formed many of his doubts about European governance. He returned to France and England, then moved to Spain to fight in their Civil War. Exposure to the downtrodden there gave Orwell the sense of hopelessness that would later permeate his novels.

Ironically, the powerful, even imposing writing of George Orwell came from a frail and shy man. Fortunately, his works of skepticism towards utopian governments live on, giving caution to present and future generations of the need for citizens to monitor the activities of their governments to ensure their basic human rights.

21 How did the young Orwell differ from his classmates?

- A. He was much older than they were.
- B. He was much richer than they were.
- C. He was not interested in a “successful” occupation.
- D. He was already a renowned writer upon entering school.
- E. He was much healthier than they were.

22 Where did Orwell probably learn firsthand and most deeply of human suffering?

- A. in Myanmar
- B. in France
- C. in Britain
- D. in Spain
- E. in India

23 What, in the writer’s opinion, is the most important lesson to be learned from Orwell?

- A. People born in other countries can still be a good writer.
- B. An early death prevents one from realizing a worthwhile career.
- C. Governments must be watched by their citizens to ensure freedom.
- D. Novels are more important than essays in influencing public thought.
- E. People are interested in top academy for young scholars.

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科目 英文 科目代碼 5101、5201 共 9 頁第 6 頁 *請在【答案卷卡】內作答

Please answer questions 24-26 following the short article on the basis of what is stated or implied in the article.

Though many places in the world seem to enjoy peaceful prosperity, there are unfortunately still human rights violations that occur on a daily basis. While it's impossible to prosecute every incident, there is an organization dedicated to making the international public more aware of such injustices in the hope of stopping future offenses. Amnesty International was established to help the thousands of people worldwide who are incarcerated, tortured, terrorized or brutalized because of their political beliefs. It began with a group of former political prisoners in 1961 and has now grown to a membership of more than one million in over a hundred different countries.

Amnesty International's strength lies with its members. Once a political injustice is discovered, members write letters to their own countries and notify the media about the incident. This puts pressure on governments by highlighting inhumane treatment of citizens and can ultimately lead to changes in government policies or even human lives being saved.

24 What is the main purpose of Amnesty International?

- A. Helping governments create political systems.
- B. Organizing protest campaigns.
- C. Stopping human rights violations.
- D. Teaching the media about international laws.
- E. Researching the political history.

25 How does Amnesty International fight political injustices?

- A. They organize a protest march in London.
- B. They research the country's political history.
- C. They prosecute the offenders in court.
- D. They notify governments and the media of incidents.
- E. They win the Nobel Peace Prize.

26 Which of the following would be an Amnesty International concern?

- A. Having a democratic election in a country with a king.
- B. Changing unfair labor laws.
- C. Discovering a lost, ancient society.
- D. Imprisoned and abused war protesters.
- E. British citizens concerned about international peace.

27 Choose the word or set of words for each blank that best fits the meaning of the sentence as a whole. Having no sense of moral obligation, Shipler was as little subject to the ___ of conscience after he acted as he was motivated by its ___ before he acted.

- A. rewards..chastisement
- B. balm..eloquence
- C. reproaches.. promptings
- D. ridicule..allure
- E. qualms..atonement

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科目 英文 科目代碼 5101、5201 共 9 頁第 7 頁 *請在【答案卷卡】內作答

28 Choose the word or set of words for each blank that best fits the meaning of the sentence as a whole. While she initially suffered the fate of many pioneers—the incomprehension of her colleagues—octogenarian Nobel laureate Barbara McClintock has lived to ___ the triumph of her once ___ scientific theories.

- A. descry..innovative
- B. regret..insignificant
- C. perpetuate..tentative
- D. enjoy..authoritative
- E. savor..heterodox

29 Choose the word or set of words for each blank that best fits the meaning of the sentence as a whole. Many artists believe that successful imitation, far from being symptomatic of a lack of ____, is the first step in learning to be creative.

- A. elegance
- B. resolution
- C. goodness
- D. originality
- E. sympathy

30 Choose the word or set of words for each blank that best fits the meaning of the sentence as a whole. While Parker is very outspoken on issues she cares about, she is not ___; she concedes the ___ of opposing arguments when they expose weaknesses inherent in her own.

- A. fickle..validity
- B. arrogant..restraint
- C. fanatical..strength
- D. congenial..incompatibility
- E. unyielding..speciousness

31 Choose the word or set of words for each blank that best fits the meaning of the sentence as a whole. When people are happy, they tend to give ___ interpretations of events they witness; the eye of the beholder is ___ by the emotions of the beholder.

- A. charitable..colored
- B. elaborate..disquieted
- C. conscientious..deceived
- D. vague..sharpened
- E. coherent..confused

32 Choose the word or set of words for each blank that best fits the meaning of the sentence as a whole. Even those who disagreed with Carmen's views rarely faulted her for expressing them, for the positions she took were as ___ as they were controversial.

- A. complicated
- B. political
- C. subjective
- D. commonplace
- E. thoughtful

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科目 英文 科目代碼 5101、5201 共 9 頁第 8 頁 *請在【答案卷卡】內作答

33 Choose the word or set of words for each blank that best fits the meaning of the sentence as a whole. Paradoxically, Robinson's excessive denials of the worth of early works of science fiction suggest that she has become quite ___ them.

- A. reflective about
- B. enamored of
- C. skeptical of
- D. encouraged by
- E. offended by

34 Choose the word or set of words for each blank that best fits the meaning of the sentence as a whole. The discovery that, friction excluded, all bodies fall at the same rate is so simple to state and to grasp that there is a tendency to ___ its significance.

- A. underrate
- B. control
- C. reassess
- D. praise
- E. eliminate

35 Choose the word or set of words for each blank that best fits the meaning of the sentence as a whole. Their mutual teasing seemed ___, but in fact it ___ a long-standing hostility.

- A. aimless..produced
- B. friendly..masked
- C. playful..contravened
- D. bitter..revealed
- E. clever..averted

36 Because they were anxious to balance Wyoming's population of 8,000 men and 2,000 women, the state's lawmakers extended voting rights to women in Wyoming in 1869. Which of the following can serve as an assumption on which the lawmakers' decision was directly based?

- A. Women would vote in ways that would make Wyoming a better place to live.
- B. Women were superior to men in the ability to make political decisions.
- C. Women would want to live in a place where they could vote.
- D. Women who were willing to endure frontier conditions deserved the right to vote.
- E. Women who voted would be better citizens than those who did not.

37 Researchers have discovered a new poison, bromethalin, that is lethal to all rats, even to those species that have become immune to other poisons, as well as to those rats that eat only the most minute quantities. Tests have demonstrated that rats will not learn to avoid bromethalin and that carcasses of rats killed by bromethalin pose no threat to the well-being of other animals. Which of the following statements, if true, would support the researchers' claim that carcasses of rats killed by bromethalin will not pose a threat to other animals?

- A. Rats that consume bromethalin die immediately.
- B. Animals often examine carcasses that appear in their territory.
- C. Chemicals in the digestive tract of dead rats quickly break bromethalin down into a nontoxic substance.
- D. Traces of bromethalin remain in the rat's mouth and saliva after the rat eats the poison.
- E. Certain animals are scavengers and feed habitually on refuse and dead flesh.

38 In 1985 a consumer agency concluded that Xylo brand bicycles are safer to ride than are Zenon brand bicycles. The agency based the conclusion on the ratio of the number of rider injuries to the number of riding hours for each brand of bicycle from 1981 to 1984. Yet for identically designed bicycles manufactured since 1985, the number of rider injuries has been twice as great among riders of Xylos as among riders of Zenons. Therefore, the agency's conclusion would have been different for the period since 1985. Which of the following is an assumption that, if true, supports the claim that the agency's conclusion would have been different for the period since 1985?

A. For the period since 1985, the number of riding hours for Zenons totaled at least half the number of riding hours for Xylos.

B. Of all the bicycles ridden in the period since 1985, the percentage of Xylos ridden was twice the percentage of Zenons ridden.

C. Prior to 1985, Zenon owners were more likely than Xylo owners to report the injuries they sustained while riding their bicycles.

D. In 1985 the agency had miscalculated the ratio for Xylos, for Zenons, or for both.

E. Soon after the agency had issued its report, consumer demand for Xylos increased more rapidly than did consumer demand for Zenons.

39 The facts show that the fear of flying in airplanes is not rational. In 1986 alone, there were 46,000 fatalities in highway accidents, but from 1980 to the present an average of only 77 per year in accidents on major domestic airlines. The rate for regional airlines was only slightly higher. If the evidence cited above is accurate, which of the following would be most important to know in order to evaluate the force of that evidence?

A. Whether repeated airplane travel allays fear of flying in airplanes.

B. Whether regional and domestic airlines spend the same average amount of time per aircraft on maintenance.

C. How many people reported a fear of flying in airplanes that was strong enough to prevent them from traveling by air.

D. How many people per year have traveled by highway and how many by air since 1980.

E. How much higher the accident rate has been for regional airlines than for major domestic airlines since 1980.

40 Statistics over four consecutive years showed that four percent more automobile accidents happened in California during the week following the switch to daylight saving time and during the week following the switch back to standard time than occurred the week before each event. These statistics show that these time changes adversely affect the alertness of California drivers. The conclusion in the argument above is based on which of the following assumptions?

A. Drivers in California as well as those in the rest of the United States have similar driving patterns.

B. The observed increases in accident rates are due almost entirely to an increase in the number of minor accidents.

C. Four years is not a sufficient long period of time over which to judge the phenomenon described.

D. There are no other factors such as school vacations or holiday celebrations that cause accident rates to rise during these weeks.

E. A time change at any other time of year would not produce a similar increase in accident rates.