

科目：英文

適用：中文所 比較所 外文所文學組 外文所語言組

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編號：10E 11E 13E 14E 15E 16E 17E 18E 19E 20E 21E 31E 32E 33E 35E

考生注意：

1. 依次序作答，只要標明題號，不必抄題。

2. 答案必須寫在答案卷上，否則不予計分。

3. 限用藍、黑色筆作答；試題須隨卷繳回。

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共 1 頁

第 / 頁

說明：

1. 答案必須填在答案卡上，寫在本試題卷上不予計分。
2. 請以2B鉛筆作答。若以原子筆作答則不得塗改。
3. 禁止使用任何型式的字典。
4. 本英文試題共70題單選題，1至15題每題一分，16至45題每題兩分，46至70題每題一分。

I. Vocabulary (15 %)

Directions: In questions 1-15 each sentence has an underlined word or phrase. Below each sentence are four other words or phrases, marked (A), (B), (C), and (D). Choose the one word or phrase that best keeps the meaning of the original sentence if it is substituted for the underlined word or phrase.

1. In the 1970s the primary goal of the Federal Reserve policy was to combat inflation.
(A) regulate (B) fight
(C) avenge (D) defend
2. The metallic element beryllium appears at the head of Group IIA in the periodic table.
(A) top (B) peak
(C) cap (D) chief
3. The coastline of Puget Sound is extremely irregular, with an assortment of channels, peninsulas, and cliffed islands.
(A) rocky (B) smooth
(C) varied (D) heavy
4. The diameter of the moon is slightly more than one-fourth that of the earth.
(A) shortly (B) somewhat
(C) periodically (D) radically
5. Because of frigid winter temperatures, parts of the St. Lawrence Seaway can be open for operations only about nine months of the year.
(A) paths (B) locks
(C) sections (D) series
6. The tilt of the earth rather than the varying distance from the sun is responsible for the changing seasons.
(A) instead of (B) in preference to
(C) regarding (D) in addition to
7. The sea otter generally paddles with its hind feet.
(A) back (B) large
(C) helpful (D) webbed
8. The National Research Council, initiated during World War I, was continued after the war for the encouragement of research in the natural sciences.
(A) imposition (B) enchantment
(C) obstruction (D) promotion
9. From the crest of the Rocky Mountains, water flows eastward to the Atlantic and westward to the Pacific.
(A) drips (B) floods
(C) runs (D) drains
10. A microwave oven can cook food in seconds, without heating up the surrounding area.
(A) surface (B) nearby
(C) circular (D) enclosed
11. Annie Oakley's life served as a basis for the play *Annie Get Your Gun*, by Herbert and Dorothy Fields.
(A) a foundation (B) an example
(C) a supporter (D) a suggestion
12. Navajo rugs are distinguished by their boldly colored geometric patterns.
(A) enlarged (B) enhanced
(C) hampered (D) differentiated
13. Desert land of formations are the result of both wind action and streams formed after rare showers.
(A) unsettled (B) unforeseen
(C) unsolicited (D) uncommon
14. It has been estimated by government officials that Al Capone's operations netted more than \$50 million annually.
(A) hit (B) captured
(C) yielded (D) paid taxes on
15. Peddlers traveled through early American settlements, often transporting their wares by cart, by boat, or on horseback.
(A) outposts (B) agreements
(C) tunnels (D) valleys

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本試題

共 6 頁

第 2 頁

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II. Structure (30 %)

Directions: Questions 16-30 are incomplete sentences. Beneath each sentence you will see four words or expressions, marked (A), (B), (C), and (D). Choose the one word or phrase that best completes the sentence.

16. The North Pole _____ a latitude of ninety degrees north.

- (A) it has (B) is having
(C) which is having (D) has

17. _____ of government results in a vertical distribution of power.

- (A) A federal type (B) A federal
(C) A federation is (D) The type is federal

18. The city of Beverly Hills _____ on all sides by the city of Los Angeles.

- (A) surrounds (B) is surrounding
(C) has surrounded (D) is surrounded

19. _____ greyhound, can achieve speeds up to 36 miles per hour.

- (A) The (B) The fastest
(C) The fastest dog (D) The fastest dog, the

20. Marmots spend their time foraging among meadow plants and flowers or _____ on rocky cliffs.

- (A) gets sun (B) sunning
(C) the sun (D) sunny

21. _____ fourteen phalanges, three in each finger and two in the thumb.

- (A) That human hand
(B) Every human hand
(C) Each human hand has
(D) The human hand which has

22. The greenhouse effect occurs _____ heat radiated from the sun.

- (A) when does the earth's atmosphere trap
(B) does the earth's atmosphere trap
(C) when the earth's atmosphere traps
(D) the earth's atmosphere traps

23. It is possible for a microscope _____ one or more lenses.

- (A) has (B) have
(C) to have (D) that has

24. According to the World Health Organization, outbreaks of any _____ can be cause for quarantine.

- (A) of six diseases
(B) these six diseases
(C) six diseases which
(D) the six most dangerous diseases

25. _____ on New Year's Day, the Rose Bowl is the oldest post-season collegiate football game in the United States.

- (A) It is held (B) It holds
(C) Holding (D) Held

26. The Hawaiian coastline is bordered by many coral reefs, some living but _____ dead.

- (A) most of them (B) most of their
(C) others are (D) the rest are being

27. Some economists now suggest that home equity loans are merely a new trap to push consumers beyond _____.

- (A) they can afford (B) they can afford it
(C) what they can afford (D) able to afford

28. Rubber _____ from vulcanized silicones with a high molecular weight is difficult to distinguish from natural rubber.

- (A) is produced (B) producing
(C) that produces (D) produced

29. Featured at the Henry Ford Museum _____ of antique cars dating from 1865.

- (A) is an exhibit (B) an exhibit
(C) an exhibit is (D) which is an exhibit

30. _____ appears considerably larger at the horizon than it does overhead is merely an optical illusion.

- (A) The moon (B) That the moon
(C) When the moon (D) The moon which

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本 試 題

共 6 頁

第 3 頁

III. Written Expression (30 %)

Directions: In questions 31-45, each sentence has four underlined words or phrases marked (A), (B), (C), and (D). Identify the part that must be changed in order for the sentence to be grammatically correct.

31. On the floor of the Pacific Ocean are hundred of flat-topped mountains more than a mile beneath sea level.

32. The state seal still used in Massachusetts was designed by Paul Revere, which also designed the first Continental currency.

33. Segregation in public schools was declare unconstitutional by the Supreme Court in 1954.

34. Sirius, the Dog Star, is the most brightest star in the sky with an absolute magnitude about

twenty-three times that of the sun.

35. Killer whales tend to wander in family clusters that hunt, play, and resting together.

36. Some of the most useful resistor material are earbon, metals, and metallic alloys.

37. The community of Bethesda, Maryland, was previous known as Darcy's Store.

38. Alloys of gold and copper has been widely used in various types of coins.

39. J. H. Pratt used group therapy early in this century when he brought tuberculosis patients together to discuss

its disease.

40. Sapphires weighing very much as two pounds have on occasion been mined.

41. Irving Berlin wrote "Oh How I Hate to Get Up in the Morning" while served in the U. S. Army during

World War I.

42. Nimbostratus clouds are thick, dark gray clouds what forebode rain.

43. That water has a very high specific heat means that without a large temperature change water can

add or lose a large amount of hot.

44. Temperatures that are to high to be measured on a mercury thermometer can be measured on a pyrometer.

45. Alike snakes, lizards can be found on all continents except Antarctica.

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本試題
共 6 頁
第 4 頁

IV. Reading Comprehension (25 %)

A. Questions 46-50

Carbon tetrachloride, a colorless and inflammable liquid, is widely used in industry today as a solvent in spite of the fact that it has been banned for home use. In the past, carbon tetrachloride was a common ingredient in cleaning compounds, but it was found to be dangerous: when heated, it changes into a poisonous gas. Because of this dangerous characteristic, the United States government revoked permission for the home use of carbon tetrachloride in 1970. The U.S. has taken similar action with various other chemical compounds.

46. The author's main point in this passage is that
 (A) carbon tetrachloride can be very dangerous when it is heated.
 (B) the government banned carbon tetrachloride in 1970.
 (C) although carbon tetrachloride can legally be used in industry, it is not allowed in home products.
 (D) carbon tetrachloride used to be a regular part of cleaning compounds.
47. According to the passage, before 1970 carbon tetrachloride was
 (A) used by itself as a cleanser.
 (B) banned in industrial use.
 (C) often used as a component of cleaning products.
 (D) not allowed in home cleaning products.
48. It is stated in the passage that when carbon tetrachloride is heated, it becomes
 (A) harmful.
 (B) colorless.
 (C) a cleaning compound.
 (D) inflammable.
49. It can be inferred from the passage that one role of the U. S. government is to
 (A) regulate product safety.
 (B) prohibit any use of carbon tetrachloride.
 (C) instruct industry on cleaning methodologies.
 (D) ban the use of any chemicals.
50. Which of the following is NOT true, according to the passage?
 (A) Carbon tetrachloride is extensively used in industry.
 (B) The properties of carbon tetrachloride change when its temperature is raised.
 (C) The government banned carbon tetrachloride because of the potential danger.
 (D) Carbon tetrachloride is still widely used in the home.

B. Questions 51-56

The next artist in this survey of American artists is James Whistler; he is included in this survey of American artists because he was born in the United States, although the majority of his art work was completed in Europe. Whistler was born in Massachusetts in 1834, but nine years later his father moved the family to St. Petersburg, Russia, to work on the construction of a railroad. The family returned to the United States in 1849. Two years later Whistler entered the U.S. military academy at West Point, but he was unable to graduate. At the age of twenty-one, Whistler went to Europe to study art despite familial objections, and he remained in Europe until his death.

Whistler worked in various art forms, including etchings and lithographs. But he is most famous for his paintings, particularly *Arrangement in Gray and Black NO. 1: Portrait of the Artist's Mother or Whistler's Mother*, as it is more commonly known. This painting shows a side view of Whistler's mother dressed in black and posing against a gray wall. The asymmetrical nature of the portrait, with his mother seated off-center, is highly characteristic of Whistler's work.

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本	試	題
共	6	頁
第	5	頁

編號：10E 11E 13E 14E 15E 16E 17E 18E 19E 20E 21E 31E 32E 33E 35E

51. The paragraph preceding this passage most likely discusses

- (A) a survey of eighteenth-century art.
(B) a different American artist.
(C) Whistler's other famous paintings.
(D) European artists.

52. Which of the following best states the topic of the passage?

- (A) James Whistler's life story
(B) American artists
(C) An overview of the life and works of an artist
(D) The paintings of James Whistler

53. It is implied in the passage that Whistler's family was

- (A) unable to find any work at all in Russia.
(B) highly supportive of his desire to pursue art.

- (C) working class.
(D) military.

54. According to the passage, Whistler lived in America for approximately how many years of his life?

- (A) 6 (B) 9 (C) 15 (D) 21

55. It is stated in the passage that Whistler did all the following EXCEPT

- (A) live in Russia.
(B) graduate from a military academy.
(C) study art.
(D) make lithographs and etchings.

56. Which of the following is NOT true according to the passage?

- (A) Whistler worked with a variety of art forms.
(B) *Whistler's Mother* is not the official name of his painting.
(C) Whistler is best known for his etchings.
(D) *Whistler's Mother* is painted in somber tones.

C. Questions 57-64

The locations of stars in the sky relative to one another do not appear to the naked eye to change, and as a result stars are often considered to be fixed in position. In reality, though, stars are always moving, but because of the tremendous distances between stars themselves and from stars to earth, the changes are barely perceptible here. It takes approximately 200 years for a fast-moving star like Bernard's star to move a distance in the skies equal to the diameter of the Earth's moon. When the apparently negligible movement of the stars is contrasted with the movement of the planets, the stars are seemingly unchanging.

57. Which of the following is the best title for this passage?

- (A) What the Eye Can See in the Sky
(B) Bernard's Star
(C) Planetary Movement
(D) The Evermoving Stars

58. According to the passage, the distances between the stars and earth are

- (A) barely perceptible. (B) huge.
(C) fixed. (D) moderate.

59. The word "perceptible" (line 4) is closest in meaning to which of the following words?

- (A) Noticeable (B) Persuasive
(C) Conceivable (D) Astonishing

60. The passage states that in 200 years Bernard's star can move

- (A) around the earth's moon.
(B) next to the earth's moon.
(C) a distance equal to the distance from the earth to the moon.
(D) a distance equivalent in measurement to the diameter of the moon.

61. The passage implies that from the earth it appears that the planets

- (A) are fixed in the sky.
(B) move more slowly than the stars.
(C) show approximately the same amount of movement as the stars.
(D) travel through the sky considerably more rapidly than the stars.

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本試題
共 6 頁
第 6 頁

62. Which of the following is NOT true according to the passage?

- (A) Stars do not appear to the eye to move.
- (B) The large distances between stars and the earth tend to magnify movement to the eye.
- (C) Bernard's star moves quickly in comparison with other stars.
- (D) Although stars move, they seem to be fixed.

(A) the movement of the planets.

(B) Bernard's star.

(C) the distance from the earth to the moon.

(D) why stars are always moving.

63. The paragraph following the passage most probably discusses

64. This passage would most probably be assigned reading in which course?

(A) Astrology (B) Geophysics

(C) Astronomy (D) Geography

D. Questions 65-70

It has been noted that traditionally courts have granted divorces on fault grounds: one spouse is deemed to be at fault in causing the divorce. More and more today, however, divorces are being granted on a no-fault basis.

Proponents of no-fault divorce argue that when a marriage fails, it is rarely the case that one marriage partner is completely to blame and the other blameless. A failed marriage is much more often the result of mistakes by both partners.

Another argument in favor of no-fault divorce is that proving fault in court, in a public arena, is a destructive process that only serves to lengthen the divorce process and that dramatically increases the negative feelings present in a divorce. If a couple can reach a decision to divorce without first deciding which partner is to blame, the divorce settlement can be negotiated more easily and equitably and the post-divorce healing process can begin more rapidly.

65. According to the passage, no-fault divorces

- (A) are on the increase.
- (B) are the traditional form of divorce.
- (C) are less popular than they used to be.
- (D) were granted more in the past.

68. The passage states that a public trial to prove the fault of one spouse can

- (A) be satisfying to the wronged spouse.
- (B) lead to a shorter divorce process.
- (C) reduce negative feelings.
- (D) be a harmful process.

66. It is implied in the passage that

- (A) there recently has been a decrease in no-fault divorces.
- (B) not all divorces today are no-fault divorces.
- (C) a no-fault divorce is not as equitable as a fault divorce.
- (D) people recover more slowly from a no-fault divorce.

69. Which of the following is NOT listed in this passage as an argument in favor of no-fault divorce?

- (A) Rarely is only one marriage partner to blame for a divorce.
- (B) A no-fault divorce generally costs less in legal fees.
- (C) Finding fault in a divorce increases negative feelings.
- (D) A no-fault divorce settlement is generally easier to negotiate.

67. The word "proponents" (line 4) is closest in meaning to which of these?

- (A) Advocates (B) Adversaries
- (C) Authorities (D) Enemies

70. What does this passage mainly discuss?

- (A) Traditional grounds for divorce
- (B) Who is at fault in a divorce
- (C) The increase in no-fault divorces
- (D) The various reasons for divorces