

中國醫藥學院八十九學年度學士後中醫學系招生考試試題暨解答

科目：英文

考試時間：80 分鐘

壹、選擇題(共三十題，每題二分，總計六十分)

Grammar: Beneath each sentence, you will see four words or phrases, marked (A), (B), (C), and (D). Choose the one word or phrase that best completes the sentence.

Questions 1-15:

- (C) 1. Public transportation vehicles are what _____ as a chief cause of the deterioration of the ozone.
 (A) have identified many ecologists (B) have many ecologists identified
 (C) many ecologists have identified (D) have many identified ecologists
- (A) 2. The principal purpose of aviation medicine is _____ by people aboard an aircraft in flight.
 (A) to study the stress experienced (B) study the experienced stress
 (C) to study stress experiencing (D) study the stress experience
- (C) 3. The population of the earth is increasing at a tremendous rate and _____ out of control
 (A) they have become (B) are soon going to be
 (C) soon will be (D) why it will be
- (D) 4. Thunder occurs as _____ through air, causing the heated air to expand and collide with layers of cooler air.
 (A) an electrical charge (B) passes an electrical charge
 (C) the passing of an electrical charge (D) an electrical charge passes
- (B) 5. Sports medicine is a medical specialty that deals with the identification and treatment of injuries to persons _____.
 (A) sports are involved (B) involved in sports
 (C) they are involved in sports (D) sports involve them
- (D) 6. _____ a tornado spins in a counterclockwise direction in the Northern Hemisphere, it spins in the opposite direction in the Southern Hemisphere.
 (A) However (B) Because of
 (C) That (D) Although
- (C) 7. Evidence suggests that one-quarter of operations _____ by pass surgery may be unnecessary.
 (A) they involve (B) involve
 (C) involving (D) which they involve

- (A) 8. Ecology is the study of _____ relate to one another and to their environment.
 (A) how organisms (B) what organisms
 (C) where organisms (D) organisms
- (D) 9. Jerome Cardan (1501-1576), _____ in genius and often devoid of principle, was an Italian professor of mathematics and medicine with a most interesting and varied career.
 (A) was rich (B) who rich
 (C) a rich (D) rich
- (A) 10. The power of information is important, not only in revealing what the government is doing, but also _____.
 (A) in determining what the government ought to do
 (B) to determine what the government should do
 (C) it is important to determine what the government ought to do
 (D) information should determine the government ought to do
- (B) 11. The growth of hair _____ cyclical process, with phases of activity and inactivity.
 (A) it is (B) is a
 (C) which is (D) a regular
- (A) 12. Your criticism of the three short stories should not be less than 2,000 words, nor _____ more than 3,000.
 (A) should it be (B) it should be
 (C) it is (D) should be it
- (C) 13. _____ discussed by the board of directors when it was proposed again by the supervisors.
 (A) The problem had already (B) The problem is already
 (C) The problem had already been (D) The problem has already
- (D) 14. Much of the carnage of elephants, giraffes, and big cats _____ uncaring hunters.
 (A) must commit by (B) must be committed by
 (C) must have committed (D) must have been committed by
- (B) 15. The X-ray treatments _____ up to the time that he was dismissed from the hospital.
 (A) gave daily (B) were given daily
 (C) basically have given (D) daily have been given

Reading Comprehension: Read the following passages and then choose the one best answer to each question.

Questions 16-21:

Until recently, growth hormone could only be obtained from the pituitary glands of dead people. This substance is used to treat children who did not produce enough of their own growth

hormone and who would, therefore, grow up as dwarfs. The natural product was taken off the market after it was linked to a brain disease which attacked some of the children undergoing treatment with it. But now, a new synthetic growth hormone has been developed which, it is claimed, has no dangerous side effects. The new drug is called "Somatrem" and can be produced in unlimited quantities.

For children who are deficient in their own growth hormone, Somatrem is an important medical advance. The problem is that the drug may be abused by people who are not medically in need of its benefits. For example, athletes may take the drug in the belief that it will improve their physique and physical performance. Parents may want to obtain the drug for their children who are only marginally under average height. For such reasons, experts are recommending that registers be kept of Somatrem recipients. The implications of use of Somatrem must be thoroughly understood before widespread distribution of the drug is undertaken.

(B)16. What is this passage mainly about?

- (A) The side effects of growth drugs
- (B) A medical breakthrough in growth hormones
- (C) The abuse of growth hormones
- (D) The problems of growth hormone-deficient children

(A)17. The people who could benefit from this drug are short because of

- (A) lack of a hormone.
- (B) hereditary diseases.
- (C) severe accidents.
- (D) birth defects.

(A)18. According to the passage, natural growth hormone is not marketed now because

- (A) it may have caused a brain disease.
- (B) people were killed by it.
- (C) it failed to make people grow.
- (D) not enough pituitary glands were available.

(D)19. Why does the author claim that Somatrem is an advance on natural growth hormone?

- (A) It can be used by athletes.
- (B) It is not necessary to use pituitary glands from dead people.
- (C) It cannot be abused by people.
- (D) it does not have any adverse side effects.

(B)20. The direct benefits of Somatrem will be gained by

- (A) professional athletes.
- (B) undersized children.
- (C) medical experts.
- (D) concerned parents.

(C)21. One might expect that Somatrem will be

- (A) in short supply.
- (B) forgotten soon.
- (C) in demand.
- (D) taken off the market.

Questions 22-25:

People who suffer from excessive drowsiness during the daytime may be victims of a condition known as "narcolepsy." Whereas most people may feel sleepy while watching TV or after eating a meal, narcoleptics may fall asleep at unusual or embarrassing times. They may doze while eating, talking, taking a shower, or even driving a car. Victims can be affected in one of two ways. Most narcoleptics have several sleeping spells during each day with alert periods in between. A minority of others feel drowsy almost all the time and are alert for only brief intervals.

There are no reliable data showing how many people have narcolepsy. Some estimates put the number as high as 300,000 in the United States alone. The cause of this illness has not been identified, although recent research suggests that the problem may stem from an immune system reacting abnormally to the brain's chemical processes. There is currently no cure for narcolepsy, so sufferers of this condition can only have their symptoms treated through a combination of counseling and drugs.

(A)22. What is the main topic of this passage?

(A) Aspects of narcolepsy

(B) Causes of narcolepsy

(C) Treatment of narcolepsy

(D) Development of narcolepsy

(D)23. Narcolepsy is a condition in which people

(A) doze after eating a meal.

(B) have unusual brain chemistry.

(C) only sleep in the day.

(D) doze at unusual times.

(B)24. The passage implies that narcolepsy

(A) is an imaginary problem.

(B) can be a serious disorder.

(C) is easily cured.

(D) is really laziness.

(D)25. Which of the following statements about narcolepsy is NOT true?

(A) Doctors treat symptoms rather than causes.

(B) The causes of narcolepsy have not been found yet.

(C) Narcolepsy affects people in two basic ways.

(D) Narcolepsy can be cured through counseling and drugs.

Questions 26-30:

Coca-Cola was invented in 1886 by Atlanta pharmacist John S. Pemberton. The name for the product was actually proposed by Pemberton's assistant, Frank Robinson. The name was taken from the two most unusual ingredients in the drink, the South American coca leaf and the African cola nut.

The recipe for today's Coca-Cola is very well guarded. Many of the ingredients are known; in addition to coca leaves and cola nuts, they include lemon, orange, lime, cinnamon, nutmeg, vanilla, caramel, and sugar. The proportions of the ingredients and the identity of Coke's secret ingredients are known only by a few of the Coca-Cola Company's senior corporate officers.

- (D)26. The passage mainly discusses
- (A) the success of the Coca-Cola Company.
 (B) the unusual ingredients in Coca-Cola.
 (C) John S. Pemberton.
 (D) Coca-Cola's recipe and who developed it.
- (B)27. According to the passage, who created Coca-Cola?
- (A) The Coca-Cola Company (B) John S. Pemberton
 (C) Pemberton's assistant (D) Frank Robinson.
- (D)28. Which of the following is NOT true about the name Coca-Cola?
- (A) The name "coca" comes from the coca leaf.
 (B) The word "senior" in the last line could best be replaced by "high-level".
 (C) Frank Robinson suggested the name.
 (D) The inventor came up with the name.
- (B)29. A "recipe" in line 5 is
- (A) information about drugs for a pharmacy.
 (B) a description of how to prepare something.
 (C) an accounting statement.
 (D) a corporate organizational plan.
- (C)30. It can be inferred from the passage that
- (A) the public knows all the ingredients in Coca-Cola.
 (B) the public is not sure that coca leaves are used in Coca-Cola.
 (C) the public does not know how many cola nuts are used in a batch of Coca-Cola.
 (D) no one knows the exact proportions of ingredients used in Coca-Cola.

貳、配合題（共二十題，每題二分，總計四十分）

From the following given words, choose the one to fill in each blank.

Questions 31-38:

- (A) ambulance (B) conscious (C) CPR (D) handle (E) heart attack (F) physicians
 (G) survival (H) trained

When an emergency occurs, call the emergency medical service (EMS, 119 in Taiwan)

Whenever the situation is more than you can __ (31) __.

Calling the EMS system has several advantages:

- Many victims should not be moved except by __ (32) __ personnel.
- The emergency medical technicians (EMTs) who arrive with the __ (33) __ know what to do. In addition, they are in radio contact with __ (34) __ at the hospital.
- Care provided by EMTs at the scene and on the way to the hospital can affect the victim's

chances of __ (35) __ and rate of recovery.

- Time will be saved in getting the victim to the hospital.

Be ready to give the EMS dispatcher the following information:

- The victim's location. Give address and other landmarks if possible.
- Your phone number and name.
- What happened. Tell the nature of the emergency (i.e. __ (36) __, drowning, etc.).
- Number of persons needing help and any special conditions.
- Victim's condition (i.e. __ (37) __, breathing, etc.) and what is being done for the victim (i.e. rescue breathing, __ (38) __, etc.).

31. (D) 32. (H) 33. (A) 34. (F) 35. (G) 36. (E) 37. (B) 38. (C)

Questions 39-43:

(A)adolescents (B)biological (C)enhance (D)pregnant (E)treatment

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- a protein source to compensate an increased protein requirement in patients that need extra protein to __ (42) __ their recovery.
- a supplemental source of protein during the __ (43) __ of patients that need an increased intake of protein due to inadequate protein absorption.

40. (D) 41. (A) 42. (C) 43. (E)

Questions 44-50:

(A) candidate (B) degree (C) Mandarin (D) resume (E) mobile (F) photo
(G) independently

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44. (E) 45. (A) 46. (B) 47. (C) 48. (C) 49. (D) 50. (F)

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