

高雄醫學大學九十學年度學士後醫學系招生考試試題

科目：英文

考試時間：八十分鐘

I、 Vocabulary, Idioms, Structure and Usage.50% (2 points each)

A、 1~5, please complete the sentences with an appropriate word or phrase.

(A) 1. It has been established beyond _____ that this disease can be cured.

(A) dispute (B) validity (C) experiment (D) function

(C) 2. You will have to consult Dr. Smith-this is not in my _____.

(A) kingdom (B) knowledge (C) domain (D) place

(D) 3. Her cold made her voice sound _____.

(A) coarse (B) terse (C) tense (D) hoarse

(A) 4. His finger bled when he _____ it with a needle.

(A) pricked (B) dispersed (C) exploited (D) bustled

(C) 5. The murder weapon found in the house was _____ evidence.

(A) discriminating (B) invigorating (C) incriminating (D) undulating

B、 6~15, please read the following three texts. In each text some words have been deleted and replaced with a blank. Select from the four given choices the best answer to insert the blank to complete the text.

Text 1

In some mountain regions, the daytime temperatures are above the freezing point of water. Water ____ (6) ____ in rock. At night, temperatures drop below the freezing point. So the water ____ (7) ____ ice. When water freezes, it expands. As the water in a crack expands, it pushes with great force ____ (8) _____. This causes the crack to become larger. The daily freezing and melting of water causes large rocks to break into smaller pieces. This kind of physical weathering is called frost action.

(D) 6. (A) breezes into the cracks (B) squeezes into cracks (C) beeps into the cracks

(D) seeps into cracks

(A) 7. (A) turns to (B) is frozen by (C) vaporizes into (D) will be transformed into

- (C) 8. (A) from each side of the crack (B) of the cracking rocks
(C) against both sides of the crack (D) upon either side of a crack

Text 2

Objects that are not in motion can also have energy. A car stopped at the top of hill has energy. This type of energy is called potential energy. Potential energy is energy that is stored. For example, the stopped car has potential energy because of its position on the top of the hill. Another example of potential energy is ___(9)____. Because of its stretched position, it has potential. If you ___(10)____ the stretched rubber band, it will move.

- (D) 9. (A) like stretching a rubber band (B) similar to a rubber band
(C) to stretch the rubber band (D) a stretched rubber band
- (A) 10. (A) let go of (B) are released from (C) get rid of (D) cut off

In the mid 1970s the networks in America tried to break down traditional viewing habits by introducing a new ___(11)____, the mini-series. The idea was to get people ___(12)____ on the series in the first episode --- usually broadcast on Sunday night --- so they would ___(13)____ again the next several evenings. Mini-series have proven very popular and they are often scheduled during ‘sweep periods,’ when TV stations are ___(14)____ to determine audience sizes. The mini-series concept actually came from public broadcasting, which began showing BBC produced ___(15)____ such as *The Forsyte Saga in 1969 and Upstairs Downstairs*.

- (D) 11. (A) formality (B) formulation (C) familiarity (D) format
- (A) 12. (A) hooked (B) attached (C) addicted (D) hanged
- (B) 13. (A) wipe out (B) tune in (C) listen to (D) fade in
- (D) 14. (A) inspected (B) reviewed (C) suspected (D) monitored
- (C) 15. (A) highlights (B) gimmicks (C) serials (D) albums

C、16~20, each of the following sentences has four underlined words or phrases. Choose the one that is wrong.

- (C) 16. It has been discovered that when bananas are completely ripe or cooked, they are one of the
A B
 most digestion food, and of great value in treating certain diseases.
C D

- (A) 17. A deep-orange color carrot, rich in vitamin A, has been produced at the University of Wisconsin.
A B C D
- (C) 18. Ozone is extremely active chemically and succeeds in damaging any vegetation they comes in contact with.
A B C D
- (D) 19. Bone cells are nourished by a fluid called plasma, derived from the blood, but containing neither the red or the white corpuscles.
A B C D
- (C) 20. Located in the cranial cavity in the skull, the brain is the larger mass of nerve tissue in the human body.
A B C D

D 21~25, in each item you will read an incomplete sentence. From the four given choices select the best answer to complete the sentence.

- (C) 21. What we need _____.
(A) is an alphabetical students' list (B) is a list of broken down students alphabetically
(C) is an alphabetical list of students (D) is a list of students broken down alphabetically
- (B) 22. Attending a small college in Taiwan _____.
(A) differs from a public large university
(B) is different from attending a large public university
(C) is different from a large public university
(D) is a difference than a public large university
- (D) 23. _____ to head the fund raising has a difficult task ahead.
(A) She who we choose (B) It is she that we choose
(C) It is she but no one else that we choose (D) She whom we choose
- (C) 24. It was fantastic to fly. _____. Such an experience was unforgettable.
(A) While flying low, the windmills were seen
(B) When we are flying low, the windmills were seen
(C) When flying low, we saw the windmills
(D) We saw the windmills flying low

- (B) 25. The symptoms of these young children include _____.
(A) cough, fever, and that exertion makes them short of breath
(B) cough, fever, and shortness of breath upon exertion
(C) cough, fever and exertion that makes them short of breath
(D) that they cough, fever and exertion makes them short of breath

II、Reading Comprehension. 26~40, read the passages and answer the question(s) that follow each passage. Select the best answer to each question.30% (2 points each)

Text A

After a careful study by the Ministry of Education, one public school added one-half hour to the school day and increased the school year from 180 to 190 days. Parents and pupils objected to these changes because vacation time would be shortened. Teachers, however, agreed that the changes were necessary for a quality education program.

- (B) 26. In this passage the writer _____.
(A) shows a bias in favor of the change of the school curriculum
(B) reports the facts objectively
(C) agrees with the parents and pupils.
(D) praises the teachers for their support of the changes

Text B

Among many scientists there is a concern about the genetic effects on the human population of increased exposure to radiation. This could come about through medical practice or through the use of unclear power plants or weapons. The natural mutation rate can be doubled by the low dose of 25 roentgens per generation. This increased mutation rate would greatly increase the prenatal and postnatal death rates of human infants, as well as lead to more cases of deaf injuries, low-grade mental deficiency, and muscular symptoms, to name just three types of mutation for certain defects.

- (D) 27. What is the main theme of this passage ?
(A) The writer wants to alleviate worries about genetic mutation.
(B) The writer wants to show the invisible danger and risks of radiation at work places.
(C) The writer wants to identify the genetic mutations caused by radiation.
(D) The writer wants to convince people of the danger of genetic defects caused by radiation.

- (D) 28. The writer of this passage would possibly not agree with which of the following ?
- (A) The long-term effects of additional radiation should be considered before whole populations begin space travel.
 - (B) Mutation rates can be tripled through low levels of radiation in each generation.
 - (C) Prenatal and postnatal development are affected every little by the physical environment.
 - (D) There is little danger of genetic mutation from medical treatment which has been neglected by the general public.

Text C

A person with many years' experience as a programmer or analyst may find a new career in computer networking. The challenge posed by the explosion of microcomputers is to provide access to more than one system and to integrate single computers into a local area network (LAN) or a regional or national network so that computers can talk to each other and share data.

One terminal can be made to do many things. Each one can talk to the main computer and distribute the information obtained to many individuals or businesses. To do this, computer language must become more standardized. International computer language committees are studying the possibility of developing a language more like English, which will be more successful and easier to learn than the symbolic and technical languages now in use. Telephones and cable will be used to mix voice and data. Television sets will perform the functions of transmitting, receiving, printing, copying, and talking. Small micro-computers will be linked in a national network that will create a demand for writing, demonstrating, and serving the new software. A person with an analytical mind will find a creative challenge in developing new hardware and software. Today's computer industry is seeking greater accessibility, availability, and compatibility through wider interconnecting systems. This will provide many jobs for the right people.

- (D) 29. Which of the following headings best expresses the main idea of the passage ?
- (A) The Shortcomings of Computer Languages
 - (B) How the Local Area Network Will Work
 - (C) New Types of Hardware and Software
 - (D) Coming Opportunities in the Computer Profession

- (C) 30. According to the passage, one reason for trying to develop a computer language like English is that ____.
- (A) English is grammatically simple and easy to learn
 - (B) English is an international language that more people use than any other language.
 - (C) a language would be easier for home-computer users than the symbolic and technical languages now available but not friendly to the users
 - (D) all of the computer programmers developing the computer language are English speaking people.

Text D

The bubonic plague, also known as the Black Death, swept through Europe between 1347 and 1451, and remained endemic in England until 1666. Carried by the fleas which lived on the black rat, the plague reached Western Europe from the Crimea, possibly on Genoese merchant ships, and spread north from the Mediterranean during 1348. Everywhere the death rate was high and, worse still, the plague recurred regularly. The English population fell from nearly four million in 1348 to just over two million in 1400.

Every feature of decline in the late Middle Ages, from deserted villages to a slump in monastic vocation has since been attributed to the Black Death. But this decline was, in fact, more the consequence of growing malnutrition, which became more and more widespread as the uncontrolled population growth of the 13th century pushed thousands of cultivators into marginal lands. The Black Death was the crisis. It grimly restored the balance between men and their food supply ; and, short of an agrarian revolution, there was nothing else that could.

The Black Death was ultimately the catalyst in another process – the commutation of labor service. The movement to change the labor system from a feudal one (wherein laborers were required to work in return for goods and protection) to a monetary one was already in progress. However, landowners obviously opposed the monetary system, because they had to pay for labor. But the attempts by employers to withhold wages and to restore labor service everywhere were bound to fail, since the situation now favored the employees. Ultimately, the employers had to give away, and the commutation movement rapidly accelerated.

- (A) 31. How did the Black Death affect the commutation of labor service in the long run ?
- (A) It became faster than before. (B) It continued, but only for a short time.
 - (C) It stopped it temporarily. (D) It increased, but at a slower rate.
- (D) 32. According to the passage, what was the commutation of labor service ?
- (A) A reduction in the amount of wages paid.
 - (B) The movement of labor to industrial areas.
 - (C) The loss of workers due to starvation.
 - (D) A change in the status of the laborer.

- (D) 33. What, in fact, was the real reason for the decline in living standards ?
(A) A reduction in the amount of arable land. (B) A surplus of food supplies.
(C) An agricultural revolution. (D) A huge increase in the size of the population.
- (A) 34. According to the author, what characteristic of decline has been blamed on the Black Death ?
(A) The abandoning of villages. (B) The lack of food. (C) The death of monks.
(D) The loss of crops.
- (B) 35. The Black Death came to Western Europe from _____.
(A) England (B) the Crimea (C) Genoa (D) the Mediterranean

Text E

Mental stress can have potentially fatal consequences. Not only can too much stress push us over the edge and make us act irrationally, but it can build up over a period of time and affect our ability to resist illnesses. The key to understanding the problem of stress is to realize that these days it rarely serves its original purpose – to prepare us to fight or flee from an attacker. In days gone by, stress levels rose in order to preserve our safety, before readjusting and returning to normal after the danger had passed. Nowadays, however, the danger is more likely to come from pressures at work or school. We cannot solve problems like this easily and so the body may not return to its previous state for some time and may even remain at a permanently raised level of anxiety.

There are many ways of dealing with stress. One useful tip is to make a list of those things you have to do that are urgent. The sense of satisfaction you get when you tick off each item on your list helps you to return to your pre-stressed state. In a similar way, good quality sleep enables you to start each day with a fresh approach, as does exercise because it clears your mind and enables you to approach a problem in a different way. In fact, just about anything that allows you to step back from your problems is likely to help. So, next time you feel the tension rising at work, get up from your desk and open your eyes to something different. Ten minutes outside in the fresh air might be all you need.

- (C) 36. According to the passage, we become ill more easily when we _____.
(A) act irrationally (B) are pushed too hard (C) are under stress for a long time
(D) are unable to resist
- (A) 37. The main difference between danger today and in the past seems to be that _____.
(A) it is harder to deal with (B) it is easier to deal with
(C) work and school are more dangerous (D) people at work and school like danger

- (D) 38. What is the result of us not being able to solve problems easily ?
(A) The body goes back to how it was before. (B) The body becomes tired.
(C) Our stress levels are lower (D) Our stress levels are always high
- (A) 39. The author seems to think that making a list _____.
(A) helps you deal with your problems (B) makes you satisfied (C) is urgent
(D) is stressful
- (B) 40. What would be a good title for this passage ?
(A) The History of Stress (B) How to Handle Stress
(C) Cope with Stress Through Sleep and Exercise (D) Change your Stressful Job

III、Composition : 20%

Directions : Many young adults have been trying to do things against the existing traditions, such as motorcycle racing on the streets, dying their hair, having sex before marriage and so on. In 200 words write one or two paragraphs to express your opinions on how to establish proper value judgments.