

I. Choose the one word or phrase that best completes the sentence. 35%

1. People in the United States focus first on the left side of a Web site, \_\_\_\_\_ Middle Eastern people focus first on the right side.  
A. meanwhile    B. however    C. whereas    D. moreover
2. Different cultures may have different ideas about \_\_\_\_\_.  
A. what good writing constitutes    B. what constitutes good writing  
C. what is good writing constituted    D. what is constituted good writing
3. As the report has shown, \_\_\_\_\_ shorter words and sentences does not necessarily make a passage easy to read.  
A. writers use    B. in using    C. when using    D. using
4. A(n) \_\_\_\_\_ is a persuasive summary of your qualifications for employment.  
A. estimate    B. brochure    C. resume    D. abstract
5. \_\_\_\_\_ in part because we respond intensionally to symbols.  
A. Advertising works    B. There is advertising working  
C. It works as advertising    D. It is advertising that works
6. The factory employee who \_\_\_\_\_ absent frequently was notified by his supervisor that he would not have to come to work again.  
A. had been    B. has been    C. had    D. has
7. Perhaps the best use of color \_\_\_\_\_ in the weather maps printed daily in many newspapers.  
A. occurring    B. occurs    C. that occurs    D. occurred
8. Even if you stay in the United States and Canada, you will work with people \_\_\_\_\_ backgrounds differ from yours.  
A. with whom    B. in which    C. when    D. whose
9. \_\_\_\_\_ a community cleanup program, all public school students spent the afternoon picking up trash.  
A. Joined    B. Take part in    C. As part of    D. For
10. An oral presentation needs to be \_\_\_\_\_ than a written message to the same audience.  
A. as the same simple    B. as simple    C. much simple    D. simpler
11. \_\_\_\_\_, the creative arts play an important role in our lives.  
A. Since we are no professional artists    B. Had we been professional artists  
C. Whether we are professional artists or not    D. Be professional artists
12. The most \_\_\_\_\_ floods in this century have all taken place in China.

- A. devastating    B. swelling    C. decaying    D. depressing

13. Buddhist teachings \_\_\_\_\_ all over Asia and are followed today by more than 255 million people.  
A. which spread    B. been spread    C. are spread    D. have spread

14. People are becoming aware of the benefits of having a vegetarian diet because it \_\_\_\_\_ protecting the environment.  
A. has a negative effect on    B. is concerned about  
C. is a good way to    D. plays a vital role in

II. Choose the one underlined word or phrase that must be changed in order for the sentence to be correct. 25%

15. Women have served in the America military throughout most of this century, but most in support roles: as nurses, supply workers, and transportation personnel.  
C
16. Sarajevo, once a prosperous, tolerant city where people of many backgrounds live together in peace, is now a city tom apart by war and ethnic rivalry.  
B

17. He has been working in this company since after graduated from college, but the promotion he has been hoping for does not come through because of a poor performance evaluation.  
D

18. It is a shame that in our youth-oriented society too much emphasis placed on externals.  
A

19. Based on the recommendation of school officials, some high school classes have been opened up free of charge to whoever wish to take courses in literature, art, and social studies with the normal high school population.  
B

20. There are researchers have found that optimists are more likely to succeed in life than pessimists. their direct opposites.  
D

21. In the United States in the 1990s, more than two-thirds of new jobs were temporary positions and these temporary workers make up more than 25 percent of the work force.  
D

22. The stretch marks a woman gets after childbirth would not be there if she does not bring a new life into being.  
 A. gets B. is C. does D. being

23. Technological advances have replaced purely physical strength in many factory operations, allow women to fill new roles.  
 A. replaced B. fill C. allow D. new

24. Grinding is a way in shaping an object by wearing away some of the material of which it is made.  
 A. in B. by C. of D. which

III. Reading Comprehension: In this part of the test you will read four passages. Each one is followed by several questions about it. You are to choose the one best answer to each question. 40%

Questions 25-28

A mountain of garbage looks awful. And it is worse than it looks – and smells. Those tons of decomposing trash are producing methane gas. If allowed to seep out into the environment, methane contributes significantly to global warming. Yet it is not all bad. If captured correctly, methane can generate electricity.

The Environmental Protection Agency says about 400 landfills in the United States have methane power plants. One of them is the Frey Farm Landfill, run by a local government authority in Lancaster County, Pennsylvania. The E.P.A. considers it a model landfill for the way it pipes methane to a private plant that generates enough electricity for about 4,000 homes.

Gary Platt is the plant's operator. "They bring the garbage in and after the garbage is compacted into the landfill, we draw wells," he explains. "Wells go down, we put perforated pipe down the center of it, which collects all the methane from the garbage."

The gas plant also produces steam that a local dairy uses to pasteurize its milk and clean its equipment. The dairy's executive vice president, John Cox, points to the old diesel-fueled boilers the dairy used to use. "We estimate that we're going to save 220,000 gallons [833,000 liters] of diesel fuel a year, by purchasing steam from this methodology."

25. What does this passage mainly talk about?  
 A. A new way to recycle wastes  
 B. The importance of disposed garbage

- C. The survival history of a gas plant  
 D. The efforts made by the E.P.A. to protect the environment  
 26. What is a landfill?  
 A. A space to store energy  
 B. A wildlife conservation  
 C. An open space to dump garbage  
 D. A factory that generates energy

27. According to the passage, how can garbage damage the environment?  
 A. By emitting poisonous gas  
 B. By destroying the living cells of germs  
 C. By occupying the human living space  
 D. By polluting the underground water

28. How can be inferred about Gary Platt's gas plant?  
 A. They produce milk.  
 B. They used to use diesel-fueled boilers to produce steam.  
 C. They sell steam to dairies.  
 D. They were once the biggest landfill in the neighborhood.

Questions 29-32

The largest study of a tiger population has yielded a rare bit of good news for the highly endangered cats. Researchers working in Nagarahole reserve in southern India, where tigers are relatively safe from poachers, set out camera traps for nine years. They were able to track 74 individual tigers (identified by their stripes.) Intriguingly, the overall tiger population grew by 3 percent a year, despite the fact that 23 percent of the tigers died or left the reserve each year. The reason for the growth? Fecundity. Nagarahole's abundance of deer and other ungulates apparently enabled the tigers to breed more readily than expected. Prey is "a key pillar" in tiger conservation, says Ullas Karanth of the Wildlife Conservation Society in Bangalore.

29. Which of the following is the author's main purpose in the passage?  
 A. To describe the conditions of Nagarahole reserve  
 B. To report a new research finding  
 C. To give reasons for the growth of the tiger population in Nagarahole reserve  
 D. To explain why certain kinds of tigers have become nearly extinct  
 30. What does the author imply when talking about the Nagarahole study?  
 A. The study was conducted in the world's biggest tiger reserve.  
 B. Tigers in Nagarahole reserve were endangered because of frequent hunting

activities.

- C. Despite the good news revealed in the study, the world's tiger population is still in decrease.  
D. The overall Nagarahole research result was not as good as expected.

31. The number of the tigers in Nagarahole reserve grew every year mainly because of

- A. the mild weather in southern India      B. sufficient food for the tigers  
C. no threat from hunters      D. the researchers' efforts

32. What does the word "prey" mean?

- A. a pillar      B. a poacher      C. a victim      D. a predator

#### Questions 33-36

Venus, Earth, and Mars, although comparably endowed with carbon and water, evolved differently from one another owing to size and distance from the Sun.

Venus, closest to the Sun, receives the most solar energy. Early in its history, when the Sun shone less brightly than now, it may have had oceans, which would have boiled off as the Sun's output increased. Meanwhile, volcanoes were venting carbon dioxide into the atmosphere. Venus laced the water to return carbon to the crust as carbonate rock, and carbon dioxide levels rose unchecked. This created a "greenhouse," allowing solar energy to penetrate the atmosphere but blocking the escape of heat. Temperatures on Venus are now too hot to support even primitive life.

Earth, about the same size as Venus, is far enough from the Sun to retain water. It recycles its carbon through plate tectonics (changes in the structure of its crust). The prolonged presence of water enabled marine organisms to evolve, and they now serve as a means of removing carbon dioxide from the atmosphere. Thus in equilibrium, Earth's climate is moderate.

Mars, too, probably once had a moderate climate and liquid surface water, but it is smaller than Earth and Venus, and tectonically less active. The result: carbon dioxide was removed from the atmosphere but not returned to it. Thus the "greenhouse" weakened, water froze, and Mars was left high and dry.

33. What is the main purpose of the passage?

- A. To explain the necessity of water to sustain life  
B. To discuss the importance of Venus, Earth, and Mars  
C. To analyze the effects of life forms on planets

D. To compare the development of three planets

34. The passage indicates that Venus, Earth, and Mars were originally similar in  
A. water and carbon resources      B. diameter and density  
C. tectonic action and heat      D. distance from the Sun

35. The word "greenhouse" is used in the passage to mean

- A. a place for organisms to grow  
B. an entrapment of heat from the Sun  
C. a release of solar energy into the atmosphere  
D. an increase in carbonate rock on a planet's surface

36. It can be inferred from the passage that the climate on Mars is currently

- A. moderate      B. variable      C. cold      D. rainy

#### Questions 37-40

Gray seals have a surprising way to make their air last longer: "deferred food-processing." The marine mammals can stay submerged 20 minutes without coming up for a breath, gulping down as many fish as they can stomach. Most animals start digesting their food as soon as they eat it. But digestion uses oxygen, a precious commodity for an animal holding its breath. Gray seals can put off digestion until after they stop hunting and return to land — sometimes hours later — according to new research from the University of St. Andrews in Scotland. This ability may let seals forage longer and in deeper water.

37. What does the passage mainly discuss?

- A. Characteristics of gray seals      B. How mammals breathe in water  
C. The digestion system of gray seals      D. The eating habits of sea mammals

38. Which of the following can be inferred from the passage?

- A. Gray seals are not mammals.  
B. Gray seals can stay in water for hours.  
C. Gray seals can digest food without oxygen.  
D. There is not enough fish supply for gray seals.

39. The word "defer" in line 1 is closest in meaning to

- A. fasten      B. utilize      C. postpone      D. perform

40. To what does the word "commodity" refer in the passage?

- A. oxygen      B. digestion      C. holding breath      D. ability