



Section I. Vocabulary: Question 1-10 are incomplete sentences. Beneath each sentence, you will see four words, marked (A), (B), (C), and (D). Choose the one word that best completes the sentence. Then, on your answer sheet, write down both the category number and the question number and fill in the letter of the answer you have chosen. 20%.

1. Achilles was \_\_\_\_\_ only in his heel.  
 (A) voracious (B) vulnerable (C) wanton (D) unreserved
2. His \_\_\_\_\_ love of music was soon recognized by his parents.  
 (A) innate (B) ingenuous (C) insensate (D) discrete
3. The universe is composed of \_\_\_\_\_ bodies.  
 (A) cordial (B) according (C) discrete (D) prompt
4. His friends gathered to \_\_\_\_\_ with him over his loss.  
 (A) celebrate (B) denounce (C) resume (D) condole
5. Even a \_\_\_\_\_ can do good work if he follows these simple directions.  
 (A) canny (B) brazen (C) benefactor (D) novice
6. The lost prospector was fooled by a \_\_\_\_\_ in the desert.  
 (A) mirage (B) mien (C) tempo (D) parable
7. The married couple argued incessantly and finally decided to separate because they were \_\_\_\_\_.  
 (A) unacceptable (B) incompatible (C) indigenous (D) inanimate
8. The FBI kept the house under constant \_\_\_\_\_ to keep the hope of capturing all the criminals at one time.  
 (A) bestow (B) tedium (C) surveillance (D) realm
9. The detectives tried to \_\_\_\_\_ where the villain had hidden his loot.  
 (A) elicit (B) affect (C) embellish (D) alien
10. Intolerance between \_\_\_\_\_ group is deplorable and usually is based on lack of information.  
 (A) exotic (B) unearth (C) ethnic (D) patron



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Section II. Structure And Written Expression: Question 11-20 are incomplete sentences. Beneath each sentence you will see four phrases, marked (A), (B), (C), and (D). Choose the one phrase that best completes the sentence. Then, on your answer sheet, write down both the category number and the question number and fill in the letter of the answer you have chosen. 20%

11. Sound comes in waves, and the higher the frequency, \_\_\_\_\_.
- (A) higher is the pitch            (B) the pitch is higher  
(C) the higher the pitch        (D) pitch is the higher
12. \_\_\_\_\_ that our Milky Way, and other similar galaxies, contain stars of varying ages.
- (A) Astronomers now believing      (B) Now astronomers believing  
(C) Astronomers now believe        (D) The belief of astronomers
13. Frederick J. Turner, \_\_\_\_\_, argued that the frontier shaped a distinctive way of life.
- (A) a famous American historian who      (B) a famous American  
(C) despite a famous American historian    (D) he is a famous American historian
14. Many plants can be tricked into flowering earlier or later than normal \_\_\_\_\_ the hours of light.
- (A) by artificial adjustment            (B) are adjusted artificially by  
(C) they are artificially adjusted        (D) by artificially adjusting
15. Infrared scanners produce images \_\_\_\_\_ in the region being studied.
- (A) the temperature variations show      (B) show the temperature variations  
(C) that show the temperature variations    (D) the temperature variations are shown
16. It is believed \_\_\_\_\_ cause insomnia.
- (A) too much caffeine            (B) that too much caffeine  
(C) it is too much caffeine        (D) too much caffeine that
17. Ernest Hemingway, a novelist and short-story writer, developed a prose style \_\_\_\_\_.
- (A) who influenced an entire generation of authors  
(B) influenced an entire generation of authors  
(C) that influenced an entire generation of authors  
(D) has influenced an entire generation of authors



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18. She turned off the record player \_\_\_\_\_ she could study.  
 (A) now that (B) even if (C) so that (D) in case
19. The Egyptians constructed walls and embankments \_\_\_\_\_ marvels even today.  
 (A) they are considered (B) which are considered  
 (C) are considered (D) who are considered
20. The more distant a star happens to be, \_\_\_\_\_ to us.  
 (A) the dimmest it seems (B) the dimmer it seems  
 (C) it seems dimmer (D) it seems dimmest

Section III. Cloze Test: There are ten blanks in the following passage, numbered from 21-30. For each blank, you will choose an appropriate word from the given list of words, lettered from (A) to (O), to complete the sentences in the passage. In your answers, you simply write down the letter (for example, (A), (B), or (C)), representing the word you have chosen. On your answer sheet, write down both the category number and the blank number and fill in the letter of the answer you have chosen. 20%

- |                   |                 |                 |               |
|-------------------|-----------------|-----------------|---------------|
| (A) blame         | (B) population  | (C) exceptional | (D) pollute   |
| (E) traffic       | (F) exemplified | (G) pollution   | (H) affluence |
| (I) climate       | (J) alarming    | (K) undergoing  | (L) control   |
| (M) environmental | (N) maritime    | (O) constructed |               |

In recent years, there have been an increasing number of \_\_\_21\_\_\_ reports claiming that the world's climate is \_\_\_22\_\_\_ a significant change. Many people \_\_\_23\_\_\_ the increase in \_\_\_24\_\_\_ on "slash and burn" farming, \_\_\_25\_\_\_ by the destruction and burning down of the tropical rain forests; the \_\_\_26\_\_\_ that clogs up the streets of our cities; the rapid growth of industry, without concern for the \_\_\_27\_\_\_ effects of the pollution that this causes; the use of chlorofluorocarbons (CFCs) in packaging and manufacturing commercial products, even the use of detergent such as wash powder and dish washing liquid. The oceans are also said to be slowly dying both because of the lack of \_\_\_28\_\_\_ of human waste and because of \_\_\_29\_\_\_ caused by industrial waste products, oil seeping from damaged supertankers and other \_\_\_30\_\_\_ disasters.



Section IV. Grammatical Analysis: You will see ten questions. Each question has four sentences, marked (A), (B), (C), and (D). Choose one sentence in each question that is NOT grammatical. Then, on your answer sheet, write down both the category number and the question number and fill in the letter of the answer you have chosen. 20%

31.

- (A) Dr. Green wants to know two students will be absent from class tomorrow.
- (B) Tom does not know who is talking on the telephone.
- (C) Pam can't decide whether to go or to stay.
- (D) Whether he comes or not is unimportant to me.

32.

- (A) That some women do not earn equal pay for equal work is true.
- (B) It is my impression that the war between those two countries will end soon.
- (C) I'm afraid that I can't accept your invitation.
- (D) There are two reasons that I do not want to go out tonight.

33.

- (A) Jennifer asked, "What do you want?" = Jennifer asked what I wanted.
- (B) "Did you enjoy your trip?" asked Connie. = Connie asked me did I enjoy my trip.
- (C) She said, "I may watch TV." = She said she might watch TV.
- (D) "Why is the sky blue?" Annie often asks. = Annie often asks me why the sky is blue.

34.

- (A) I recommended that she not go to the concert.
- (B) It is important that they can be told the truth.
- (C) The students may dress however they please.
- (D) We can watch whichever program we prefer.

35.

- (A) It is a fact that drug abuse can ruin one's health.
- (B) I need to find out how old does a person have to be to get a driver's license.
- (C) Where she went is none of your business.
- (D) Dick asked me if I had ever met Ms. Powell.



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36.

- (A) It was raining hard, and there was a strong wind.
- (B) He was tired, so he went to bed.
- (C) He did not study, and he passed the exam.
- (D) The child hid behind his mother's skirt, for he was afraid of the dog.

37.

- (A) After have finished his homework, he went to bed.
- (B) Since coming to this country, Mary has made many friends.
- (C) Being unable to afford a car, she bought a bicycle.
- (D) Having seen the movie before, I don't want to go again.

38.

- (A) Your reservation will be canceled if you didn't check in before 6 pm.
- (B) The bellman should carry your luggage to your room if he is asked.
- (C) Please call the front desk if you need a key for your guests.
- (D) Please wait in the lobby while the doorman calls you a taxi.

39.

- (A) A fast way to get across town and avoid local traffic is on the freeway.
- (B) When entering the turnpike, be sure to yield of oncoming traffic.
- (C) Take the throughway to the beltway and then get off at Exit 7.
- (D) It is extremely dangerous to drive over the median of a highway.

40.

- (A) You will have to go to the court if you refuse to pay your traffic ticket.
- (B) The defense lawyer went to look at the important file.
- (C) The prisoner attempted to grab the gun from the guard.
- (D) The defendant was brought out her jail cell into the courtroom.



Section V. Reading Comprehension: There are two passages in this section. Read each passage and then answer the questions underneath each passage. Then, on your answer sheet, write down both the category number and the question number and fill in the letter of the answer you have chosen. 20%

Question 41-45

During the 1920's the Broadway musical, now widely thought to be the United States' unique contribution to the universal list of theater genres, came into being. Its forebears were certainly the Viennese operettas of Franz Lehar and Oscar Straus. Yet the musical differs from them in that it utilizes a credible plot, music and lyrics of equal importance, strong chorus and ensemble work, and expert choreography. Unlike the earlier operettas and musical comedies in which the company was clearly divided into musicians, dancers, and actors, the Broadway musical requires a cast in which every member can sing, dance, and act with skill and energy. These demands have for two decades dictated the training policies of most of the leading theater schools in the United States.

41. The ancestors of the musicals that were seen in the United States in the 1920s were \_\_\_\_\_
- (A) American musical comedies      (B) Viennese operettas  
 (C) Viennese plays                      (D) American operas
42. Which of the following may NOT be used to distinguish a Broadway musical from other, earlier kinds of musical?
- (A) Its plot is fairly believable.  
 (B) The words and music have the same importance.  
 (C) The dancing is very professional.  
 (D) It is extremely theatrical.
43. In the kind of musicals that came before the Broadway musical there was a greater emphasis placed on \_\_\_\_\_
- (A) more specialized roles      (B) general co-operation  
 (C) a wide range of abilities      (D) chorus work



44. The author of the passage implies that some theater schools in the United States are very much interested in finding \_\_\_\_\_.
- (A) more varied plays (B) tougher training programs  
(C) an increasing number of students (D) students possessing many abilities
45. The paragraph following the passage most probably discusses \_\_\_\_\_.
- (A) how the Broadway musical was developed overseas  
(B) the activities of theater schools in the United States  
(C) the relationship of the Broadway musical to other forms of musical  
(D) what each member of a company must do in a Broadway musical

## Question 46-50

Some chemical substances have the potential to crystallize in two alternative ways. Graphite and diamonds, for instance, are both crystals of pure carbon. Their atoms are identical. Two substances differ from each other only in the geometric pattern in which the carbon atoms are packed. In diamonds, the carbon atoms are packed in a tetrahedral pattern which is extremely stable. This is why diamonds are so hard. In graphite the carbon atoms are arranged in flat hexagons layered on the top of each other. The bonding between layer is weak, and they therefore slide over each other, which is why graphite feels slippery and is used as a lubricant. Unfortunately you can't crystallize diamonds out of a solution by seeding them, as you can with some other chemical substances.

46. According to the passage, the way to distinguish graphite from diamonds is to look at their respective \_\_\_\_\_.
- (A) degree of carbonization (B) atoms  
(C) geometric patterns (D) degree of crystallization
47. Why do layers of graphite atoms slide?
- (A) They are weakly joined together. (B) They are flat.  
(C) They are hexagonal. (D) They are placed on top of each other.
48. Graphite is used as a lubricant because \_\_\_\_\_.
- (A) it is easy to crystallize (B) it is extremely soft  
(C) it is rather slippery (D) it can be seeded out of a solution



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49. It can be inferred from the passage that no attempts are now being made to crystallize diamonds out of a solution because \_\_\_\_\_.
- (A) this is more easily done with other substances
  - (B) diamonds are such hard substances
  - (C) seeding is a very difficult process
  - (D) it is not possible by seeding
50. Which of the following is the best title for the passage?
- (A) Two kinds of Carbon
  - (B) Two kinds of Crystallization
  - (C) The Uses of Diamonds And Graphite
  - (D) The Uses of Different Chemical Substances