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1. According to the third law of thermodynamics, ----- possible is  $-273.16$  degrees centigrade.  
 (A) that temperature is lowest  
 (B) the temperature is lowest  
 (C) lowest temperature  
 (D) the lowest temperature

2. After the First World War, the author Anais Nin became interested in the art movement known as Surrealism and in psychoanalysis, both ----- her novels and short stories.  
 (A) in which the influence  
 (B) of which influenced  
 (C) to have influence  
 (D) its influence in

3. Muskrats generally ----- close to the edge of a bog, where their favorite plant foods grow plentifully.  
 (A) staying  
 (B) they are staying  
 (C) stay  
 (D) to stay there

4. Oliver Ellsworth, ----- of the United States Supreme Court, was the author of the bill that established the federal court system.  
 (A) he was the third chief justice  
 (B) the third chief justice was  
 (C) who the third chief justice  
 (D) the third chief justice

5. ----- Colonial period the great majority of Connecticut's settlers came from England.  
 (A) Since  
 (B) The time  
 (C) During the  
 (D) It was

6. A politician can make a legislative proposal more ----- by giving specific examples of what its effect will be.  
 (A) to understanding  
 (B) understandably  
 (C) understandable  
 (D) when understood

7. Playing the trumpet with dazzling originality, ----- dominated jazz for 20 years.  
 (A) Louis Armstrong  
 (B) the influence of Louis Armstrong  
 (C) the music of Louis Armstrong  
 (D) Louis Armstrong's talent

8. Before every presidential election in the United States, the statisticians try to guess the proportion of the population that ----- for each candidate.  
 (A) are voted  
 (B) voting  
 (C) to be voted  
 (D) will vote

9. ----- at a river ford on the Donner Pass route to California, the city of Reno grew as bridges and railroads were built.  
 (A) Settle  
 (B) To settle  
 (C) It was settling  
 (D) Having been settled

10. The air inside a house or office building often has higher concentrations of contaminants ----- heavily polluted outside air.  
 (A) than does  
 (B) more  
 (C) as some that are  
 (D) like of

11. The decimal numeral system is one of the ----- ways of expressing numbers.  
 (A) useful most world's  
 (B) world's most useful  
 (C) useful world's most  
 (D) most world's useful

12. Emily Dickinson's garden was a place ----- great inspiration for her poems.  
 (A) that she drew  
 (B) by drawing her  
 (C) from which she drew  
 (D) drawn from which

13. The mountains surrounding Los Angeles effectively shield the city from the hot, dry winds of the Mojave Desert, ----- the circulation of air.  
 (A) but they also prevent  
 (B) also prevented by them  
 (C) and also to prevent  
 (D) and also preventing

14. Not only ----- to determine the depth of the ocean floor, but it is also used to locate oil.  
 (A) to use seismology  
 (B) is seismology used  
 (C) seismology is used  
 (D) using seismology

15. Nebraska has floods in some years, -----.  
 (A) in others drought  
 (B) droughts are others  
 (C) while other droughts  
 (D) others in drought

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## Written Expression

**Directions:** In questions 16-40 each sentence has four underlined words or phrases. The four underlined parts of the sentence are marked (A), (B), (C), and (D). Identify the **one** underlined word or phrase that must be changed in order for the sentence to be correct. Then, on your answer sheet, find the number of the question and fill in the space that corresponds to the letter of the answer you have chosen.

## Example I

Guppies are sometimes call rainbow fish because of  
 the males' bright colors.  
 A B C D

## Sample Answer

Ⓐ Ⓑ Ⓒ Ⓓ

The sentence should read, "Guppies are sometimes called rainbow fish because of the males' bright colors." Therefore, you should choose (A).

## Example II

Serving several term in Congress, Shirley Chisholm  
 A B  
 became an important United States politician.  
 C D

## Sample Answer

Ⓐ Ⓑ Ⓒ Ⓓ

The sentence should read, "Serving several terms in Congress, Shirley Chisholm became an important United States politician." Therefore, you should choose (B).

Now begin work on the questions.

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16. Pop Art was a movement of the 1950's and 1960's whom imagery was  
 A B  
based on readily recognized American products and people.  
 C D

17. Because the tachinid fly is a parasite of harmful insects, much species  
 A B  
have been imported into the United States to combat insect pests.  
 C D

18. All almost the electricity for industrial use comes from large generators  
 A B C  
driven by steam turbines.  
 D

19. The Egyptians first discovered that drying fruit preserved it, made it sweeter,  
 A B C  
 and improvement its flavor.  
 D

20. During his twelve year there, Ellis Marsalis turned the New Orleans Center for  
 A B  
 the Creative Arts into a rich training place for future jazz stars.  
 C D

21. Algebra is the branch of mathematics concerned with operations on sets of  
 A B  
 numbers or other elements that are often represented at symbols.  
 C D

22. As her focus changed, the love poetry that Edna St. Vincent Millay produced  
 A B C  
 in the 1920's increasing gave way to poetry dealing with social injustice.  
 D

23. When a pearl is cut in half and examined under a microscope, but its layers  
 A B C  
can be seen.  
 D

24. A conductor uses signals and gestures to let the musicians to know when  
 A B C  
to play various parts of a composition.  
 D

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25. If a glass lizard loses its tails, a new one grows to replace it.  
A B C D
26. Many of the recording instruments used in vary branches of science are kymographs.  
A B C D
27. It was near end of prehistoric times that the first wheeled vehicles appeared.  
A B C D
28. Martin Luther King, Jr.'s magnificent speaking ability enabling him to effectively express the demands for social justice for Black Americans.  
C A B D
29. Designers of athletic footwear finely tune each category of shoe to its particularly activity by studying human motion and physiology.  
C A B D
30. Gothic Revival architecture has several basis characteristics that distinguish it from other nineteenth-century architectural styles.  
A B C D
31. Since rats are destructive and may carry disease, therefore many cities try to exterminate them.  
A B C D
32. In the United States among 60 percent of the space on the pages of newspapers is reserved for advertising.  
A B C D

33. Recently in the automobile industry, multinational companies have developed to the point where such few cars can be described as having been made entirely in one country.  
A B C D
34. Scientists believe that by altering the genetic composition of plants it is possible to develop specimens that are resisting to disease and have increased food value.  
A B C D
35. The purpose of traveler's checks is to protect travelers from theft and accidental lost of money.  
A B C D
36. The early periods of aviation in the United States was marked by exhibition flights made by individual fliers or by teams of performers at country fairs.  
A B C D
37. The American anarchist Emma Goldman infused her spirited lectures, publishes, and demonstrations with a passionate belief in the freedom of the individual.  
A B C D
38. Being the biggest expanse of brackish water in the world, the Baltic Sea is of special interesting to scientists.  
A B C D

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39. The main advertising media include direct mail, radio, television, magazines, and newspaper.

A B C D

40. While studying the chemistry of human body, Dr. Rosalyn Yalow won a Nobel Prize for the research she conducted on the role of hormones.

A B C D

This is the end of Section 2.

If you finish in less than 25 minutes, check your work on Section 2 only. Do NOT read or work on any other section of the test.



At the end of 25 minutes, go on to Section 3. Use exactly 55 minutes to work on Section 3.

## Section 3 Reading Comprehension



Time: 55 minutes (including the reading of the directions)  
Now set your clock for 55 minutes.

**Directions:** In this section you will read several passages. Each one is followed by several questions about it. For questions 1-50, you are to choose the **one** best answer, (A), (B), (C), or (D), to each question. Then, on your answer sheet, find the number of the question and fill in the space that corresponds to the letter of the answer you have chosen.

Answer all questions following a passage on the basis of what is **stated** or **implied** in that passage.

Read the following passage:

The railroad was not the first institution to impose regularity on society, or to draw attention to the importance of precise timekeeping. For as long as merchants have set out their wares at daybreak and communal festivities have been celebrated, people have been in rough agreement with their neighbors as to the time of day. The value of this tradition is today more apparent than ever. Were it not for public acceptance of a single yardstick of time, social life would be unbearably chaotic: the massive daily transfers of goods, services, and information would proceed in fits and starts; the very fabric of modern society would begin to unravel.

**Example I**

What is the main idea of the passage?

- (A) In modern society we must make more time for our neighbors.
- (B) The traditions of society are timeless.
- (C) An accepted way of measuring time is essential for the smooth functioning of society.
- (D) Society judges people by the times at which they conduct certain activities.

**Sample Answer**

☐ A ☐ B ☒ C ☐ D

The main idea of the passage is that societies need to agree about how time is to be measured in order to function smoothly. Therefore, you should choose (C).

**Example II**

In line 5, the phrase "this tradition" refers to

- (A) the practice of starting the business day at dawn
- (B) friendly relations between neighbors
- (C) the railroad's reliance on time schedules
- (D) people's agreement on the measurement of time

**Sample Answer**

☐ A ☐ B ☒ C ☐ D

The phrase "this tradition" refers to the preceding clause, "people have been in rough agreement with their neighbors as to the time of day." Therefore, you should choose (D). Now begin work on the questions.

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