

**Directions**

Items in the first part of this section are incomplete sentences. Under each of these sentences, there are four words or phrases. You will choose the **one** word or phrase—(A), (B), (C), or (D)—that best completes the sentence.

**EXAMPLE I**

Reflexes \_\_\_\_\_ very valuable in protecting the body against harm.

- (A) that are
- (B) being
- (C) are
- (D) are being

The sentence should read, “Reflexes are very valuable in protecting the body against harm.” You should therefore choose (C).

**EXAMPLE II**

Seismographs are used to locate oil, to determine ocean depth, and \_\_\_\_\_ and measure earthquakes.

- (A) detect
- (B) to detect
- (C) be detecting
- (D) are detecting

The sentence should read, “Seismographs are used to locate oil, to determine ocean depth, and to detect and measure earthquakes.” You should therefore choose (B).

1. Snakes have an organ in a pit on their heads \_\_\_\_\_ infrared rays.

(A) detects  
(B) a detection of  
(C) it detects  
(D) that detects

2. Helium is not inflammable, \_\_\_\_\_ therefore safer than hydrogen.

(A) that is  
(B) and is  
(C) but is  
(D) and it

3. In 1849 Walter Hunt, \_\_\_\_\_ American inventor, patented a design that served as the basis for modern safety pins.

(A) an  
(B) he was an  
(C) being  
(D) who was, as an

4. Ansel Adams was a landscape photographer \_\_\_\_\_ photographs of the western United States show nature on a grand scale.

(A) whose  
(B) of his  
(C) of whom  
(D) his

5. Contact lenses \_\_\_\_\_ of acrylic are more transparent and less fragile than lenses made of glass.

(A) making  
(B) made  
(C) are made  
(D) which make

6. \_\_\_\_\_ other cells in the body, nerve cells are not healed or replaced when they are damaged or destroyed.

(A) Different  
(B) Unlikely  
(C) Unlike  
(D) But

7. The higher the content of carbon dioxide in the air, \_\_\_\_\_.

(A) more heat it retains  
(B) than it retains more heat  
(C) it retains more heat  
(D) the more heat it retains

8. \_\_\_\_\_ most brilliant Greek inventor was Archimedes, who lived about 2,250 years ago.

(A) The  
(B) One of the  
(C) As the  
(D) Of the

9. \_\_\_\_\_ flying, a bat emits a rapid series of ultrasonic signals, which bounce off any object in its path.

(A) When it  
(B) When it is  
(C) It is  
(D) When is

10. \_\_\_\_\_ does not circle around the earth was proven by Galileo.

(A) Since the rest of the universe  
(B) As the rest of the universe  
(C) The rest of the universe  
(D) That the rest of the universe

11. \_\_\_\_\_ cell in the body is far from a capillary.

(A) Not  
(B) No  
(C) Not only a  
(D) Neither a

12. Ralph Waldo Emerson's belief \_\_\_\_\_ the individual freedom of all people greatly influenced later American thinkers.

(A) as of  
(B) on  
(C) in  
(D) as in

13. Thomas Malthus claimed that disease, war, famine, and \_\_\_\_\_ act as checks on population growth.

(A) moral restraining  
(B) morally restrain  
(C) by moral restraint  
(D) moral restraint

14. \_\_\_\_\_ phobias do not involve loss of contact with reality, they may severely limit a person's life.

(A) Although  
(B) Despite  
(C) That  
(D) As

15. During the 1930s, unsuitable farming techniques and excessive grazing of grassland in the Great Plains produced \_\_\_\_\_.

(A) which it became known as the Dust Bowl  
(B) what became known as the Dust Bowl  
(C) it became known as the Dust Bowl  
(D) that it became known as the Dust Bowl

**Directions**

The rest of the items in this section consist of sentences in which four words or phrases have been underlined.

You must identify the **one** underlined expression—(A), (B), (C), or (D)—that must be changed in order to correct the sentence.

**EXAMPLE 1**

Navajo Indians are far more numerous today as they were in the past.  
 \_\_\_\_\_ A \_\_\_\_\_ B \_\_\_\_\_ C \_\_\_\_\_ D

The sentence should read, "Navajo Indians are far more numerous today than they were in the past." You should therefore choose answer (C).

Though it is one of the rarest metals, gold was one of the first to be  
 \_\_\_\_\_ A \_\_\_\_\_ B \_\_\_\_\_ C  
 discover.  
 \_\_\_\_\_ D

The sentence should read, "Though it is one of the rarest metals, gold was one of the first to be discovered." You should therefore choose answer (D).

16. The first laser is made by an American scientist called Theodore Maiman  
 \_\_\_\_\_ A \_\_\_\_\_ B \_\_\_\_\_ C  
 working in California in 1960.  
 \_\_\_\_\_ D
17. Almost medical doctors have had some training in psychology and  
 \_\_\_\_\_ A \_\_\_\_\_ B \_\_\_\_\_ C \_\_\_\_\_ D  
 psychiatry.
18. Washington Irving, one of America's most famous authors, was a lawyer,  
 \_\_\_\_\_ A \_\_\_\_\_ B  
 a businessman, and a United States diplomatic to England and Spain.  
 \_\_\_\_\_ C \_\_\_\_\_ D
19. The Douglas fir is a very tall American evergreen tree that is grown not  
 \_\_\_\_\_ A  
 only for ornament and for its high-quality timber.  
 \_\_\_\_\_ B \_\_\_\_\_ C \_\_\_\_\_ D
20. Nuclear energy, a almost limitless source of power, was harnessed  
 \_\_\_\_\_ A \_\_\_\_\_ B \_\_\_\_\_ C  
 during the mid-1900s.  
 \_\_\_\_\_ D

21. Plants, which make up 90 percentage of visible living organisms, get  
A B C  
their food energy from sunlight.  
D

22. Total eclipses of the moon are considerably rarest than total eclipses of  
A B C D  
the sun.

23. According to Freud, mental life is characterized by internal conflicts who  
A B C  
are largely unconscious.  
D

24. In 1729, Benjamin Franklin published the *Pennsylvania Gazette*, which  
A D  
soon became the most read widely newspaper in the colonies.  
C D

25. Large, perfect shaped pearls rank in value with the most precious  
A B C D  
stones.

26. Algae range in size from microscope one-celled plants to huge masses of  
A B C D  
seaweed.

27. The pharmacology is a recent science, but it is closely connected with  
A B  
one of the oldest, the giving of remedies to relieve diseases.  
C D

28. Frances Perkins, the first woman to become a U.S. cabinet member, was  
A B  
instrument in the adoption of the Social Security Act.  
C D

29. In the company of human beings, parrots demonstrate a remarkable  
A B  
talent for mimicry, for which they never use in the forest.  
C D

30. The first national known male singers of popular music appeared during  
A B C D  
the 1920s.

31. The Puffer is a type of fish that can inflate one's body like a balloon.  
A B C D

32. The Louisiana Purchase, made in 1803, almost was doubled the size of  
A B C D  
the United States.

33. Psychology did not develop into a science based of careful observation  
A B C  
and experimentation  
D until the late 1800s.

34. When a mineral forms, it grows by the addition of various element to its  
A B C D  
structure.

35. Energy exists in different forms, such as light, heat, and chemical,  
A B  
mechanic, and electrical energy.  
C D

36. Modern art began in second half of the 1800s, after the camera was  
A B C D  
invented.

37. Although polar bears hunt other animals, they seldom rarely kill people.  
A B C D

38. Mushrooms get their food by causing vegetable matter decaying.  
A B C D

39. Limestone long has been quarried for to use as a building stone.  
A B C D

40. The newborn marsupial is at a least developed stage of life than a  
A B C  
newborn kitten or human being.  
D