

## SECTION ONE

## Sentence Completion (Questions 1-20) 60%

1. The police \_\_\_\_\_ organized an intensive search for the robber.  
(A) inspect (B) inspector (C) inspectly (D) inspection
2. The detective \_\_\_\_\_ that the maid committed the robbery.  
(A) theoretic (B) theoretician (C) theorized (D) theorization
3. Maya Angelou is a \_\_\_\_\_ author of two autobiographical works, *I Know Why the Caged Bird Sings* and *My Name*.  
(A) poet, composer, and (B) poet, compositionist, and  
(C) poem, composition, and (D) poem, compositionist, and
4. Don't \_\_\_\_\_ overpowering perfume that gives people the sneezes.  
(A) flow (B) put (C) spray (D) wear
5. Before the operation began, Ms. Barrat thanked the person who gave permission for the donation: "I know that my daughter, even if she doesn't survive, would want me to express her deep \_\_\_\_\_ to them for giving her the chance to live.  
(A) gratitude (B) attitude (C) aptitude (D) gradient
6. \_\_\_\_\_ repeated assurances that the car is designed to be safe, many people have stopped buying it.  
(A) Although (B) Despite (C) Nevertheless (D) In spite
7. Grass on the farm provides food for dairy cows, \_\_\_\_\_ butter is made.  
(A) whose milk (B) from milk (C) whose milk is from (D) from whose milk
8. After so many years of hard work, Dr. Nelson's study finally gained enviable reputation and he is now \_\_\_\_\_ by the people in his field as one of the top biotechnologists in the world.  
(A) referred (B) regarded (C) considered (D) thought
9. Every year during winter break and summer vacation, the \_\_\_\_\_ for international flights soar.  
(A) profits (B) fees (C) fares (D) rates
10. All the votes in Taiwan's legislative election have just been \_\_\_\_\_ and the counting will soon begin.  
(A) cast (B) put (C) thrown (D) sent

11. Mr. Miller, the chief financial officer of McCrager Industries will be attending this meeting \_\_\_\_\_ behalf of his fellow workers.  
(A) × (B) with (C) on (D) by
12. If you had resigned, it would have been a great \_\_\_\_\_ to the \_\_\_\_\_.  
(A) loose; coordination (B) loss; corporation  
(C) lose; coordination (D) lost; cooperation
13. Even though there have been many problems with the Mass Rapid Transit System, solutions \_\_\_\_\_ these problems are left undiscovered.  
(A) of (B) for (C) to (D) over
14. Since the first day of its inception, about three hundred and sixty thousand houses have been mortgaged to Ventura Financial Bank; \_\_\_\_\_, the total loan that the bank has been making up to this day has grown to \$28 billion.  
(A) whereas (B) likewise (C) on the whole (D) in addition
15. Before \_\_\_\_\_ suitable for private cars, still other hurdles remain.  
(A) become (B) fuel cells (C) fuel cells become (D) that fuel cells become
16. There are normally twenty-eight days in February, but every fourth year, \_\_\_\_\_ has twenty-nine.  
(A) its (B) there (C) is a leap year (D) a leap year, it
17. Generally speaking, the cells of large plants are only slightly bigger than \_\_\_\_\_.  
(A) small plants (B) those smaller plants  
(C) those of smaller plants (D) of those smaller plants
18. The university itself was seventy-four years old \_\_\_\_\_, having been founded sometime in July 1908.  
(A) and by July 18<sup>th</sup>, 1982 (B) on about July 18<sup>th</sup>, 1982  
(C) through 1982 (D) throughout 1982
19. Mr. Greenfield suggested \_\_\_\_\_ the issue with Ms. Yoshida, the Marketing Director.  
(A) that you discuss (B) that it is (C) you should talk over (D) that should be
20. It is clear that his senior consultant will \_\_\_\_\_ as the chairperson should he retire.  
(A) give in (B) stand for (C) leave out (D) take over

## SECTION TWO

Reading Comprehension (Questions 21-30) 40%

### Passage A



### Department of Health Notice

Each season, the virus that causes influenza varies. As a result, researchers must alter the vaccine every year to avoid the spread of flu. This year, the development of the correct flu shot has been extremely challenging for manufacturers. Therefore, the vaccine supply is limited.

Certain members of the population are at more risk than others during flu season. Due to national shortage, Department of Health is unfortunately not able to offer the flu shot to each individual. Please read the following questions in order to find out if you or a family member are eligible to be given this year's flu shot.

- ▶ Do you suffer from long-term heart, lung, or blood disorders?
- ▶ Do you have cancer?
- ▶ Is your work related to health work?
- ▶ Is your age over sixty-five or under 12 months of age?
- ▶ Are you pregnant or planning on getting pregnant during the flu season?

If your answer is YES to one or more of the questions above, contact your family doctor right away to make an appointment. Flu shot clinics will be available throughout the country beginning on March 25.

### Flu Shot Clinic

Flu season is here again. Are you the 15 percent of the population that is at risk of contracting influenza this year? Don't take any chances. Visit your doctor today to receive your medical recommendation.

Location: In front of Tainan Railway Station

Time: Weekends from 9:00 to 15:00

Dates: Mar. 25 to May 15

For scheduled appointments, please arrive ten minutes earlier to check in at the nurse's counter of the public health care. Bring a letter from your doctor stating that you require the flu shot, your health card and two other identifications. Walk-ins will be accepted by the nurse on a first-come, first-serve basis. If you don't have an appointment, expect to wait.

Note:

Public and private schools will be offering the flu shot to all students and staff members as requested by Dep. of Health to prevent an flu outbreak. The vaccine will be available ONLY on school grounds.

21. What is the main purpose of the notice from Department of Health?
- (A) To explain who is allowed to get a flu shot
  - (B) To describe the procedure of producing vaccine
  - (C) To inform people of the doctors who provide flu shots

- (D) To explain why the vaccine is needed
22. Why is this flu season different from others?
- (A) To describe the procedure of producing vaccine
- (B) To explain who is allowed to get a flu shot
- (C) To inform people of the doctors who provide flu shots
- (D) To explain why the vaccine is needed
23. If a surgeon walks into a flu clinic and asks for a shot, he/she
- (A) would have to wait for his/her turn
- (B) would receive a flu shot immediately
- (C) would have to work
- (D) would be sent away
24. Who might NOT be eligible to get a flu shot this year?
- (A) A professor
- (B) An eight-month-old infant
- (C) A dentist's assistant
- (D) A father-to-be
25. Who can get a flu shot in front of Tainan Railway Station?
- (A) Only station employees
- (B) Junior high school students
- (C) Eligible people with doctor's recommendation
- (D) Only people with appointments

#### Passage B

- 1 Although only a small percentage of the electromagnetic radiation that is emitted  
by Sun is ultraviolet (UV) radiation, the amount that is emitted would be enough to  
cause severe damage to most forms of life on Earth were it all to reach the surface of the  
earth. Fortunately, all of the Sun's ultraviolet radiation does not reach the earth  
5 because of a layer of oxygen, called the ozone layer, encircling the earth in the  
stratosphere at an altitude of around 15 miles above the earth. The ozone layer absorbs  
much of the Sun's ultraviolet radiation and prevents it from reaching the earth.

- Ozone is a form of oxygen in which each molecule consists of three atoms ( $O_3$ )  
instead of the two atoms ( $O_2$ ) usually found in an oxygen molecule. Ozone forms in  
10 the stratosphere in a process that is initiated by ultraviolet radiation from the Sun. UV  
radiation from the Sun splits oxygen molecules with two atoms into free oxygen atoms,  
and each of these unattached oxygen atoms then joins up with an oxygen molecule to  
form ozone. UV radiation is also capable of splitting up ozone molecules; therefore,  
ozone is constantly forming, splitting, and reforming in the stratosphere. When UV  
15 radiation is absorbed during the process of ozone formation and reformation, it is

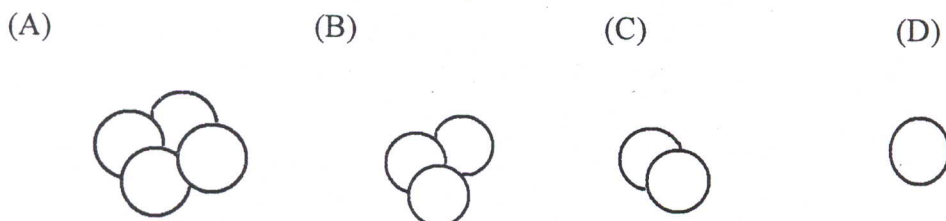


unable to reach Earth and cause damage there.

Recently, however, the ozone layer over parts of the earth has been diminishing. Chief among the culprits in the case of the disappearing ozone, those that are really responsible, are the chlorofluorocarbons (CFCs). CFCs meander up from Earth into the stratosphere to form chlorine monoxide (C1O) and oxygen (O<sub>2</sub>). The chlorine then becomes free to go through the cycle over and over again. One chlorine atom can, in fact, destroy hundreds of thousands of ozone molecules in this repetitious cycle.

26. According to the passage, UV from the Sun
- (A) is causing severe damage to the earth's ozone layer
  - (B) always reaches the earth
  - (C) creates electromagnetic radiation
  - (D) is only a fraction of the Sun's electromagnetic radiation
27. In paragraph 1, line5, the word "encircling" is closest in meaning to
- (A) raising
  - (B) attacking
  - (C) rotating
  - (D) surrounding

28. Which one of the following drawings best fits ozone molecule?



29. Ultraviolet radiation causes oxygen molecules to

- (A) split up and reform as ozone
- (B) burn up ozone molecules
- (C) rise up to the stratosphere
- (D) reduce the number of chlorofluorocarbons

30. Which one of the following drawings shows what happens after a chlorine molecule reacts with an ozone molecule?

