

**ENGLISH****This section contains 22 questions.**

The time allotted is 20 minutes.

The following section contains three types of questions: Sentence Completion, Restatement and Reading Comprehension. Each question is followed by four possible responses. Choose the response **which best answers the question** and mark its number in the appropriate place on the answer sheet.

*Sentence Completions* (Questions 1-8)

This part consists of sentences with a word or words missing in each. For each question, choose the answer **which best completes the sentence**.

1. The first step in dealing with a problem in a constructive manner is \_\_\_\_\_ that it exists.

- (1) acknowledging
- (2) fantasizing
- (3) requiring
- (4) connecting

2. Freeman Dyson is known both for his research in quantum physics and for his important \_\_\_\_\_ to public awareness of scientific issues.

- (1) exaggeration
- (2) contribution
- (3) reproduction
- (4) superstition

3. Twenty years after it was built, the Roman settlement Londinium was burned to the ground during an \_\_\_\_\_ led by the Celtic queen Boudicca.

- (1) offspring
- (2) uprising
- (3) insight
- (4) exhibit

4. Many novelists who admire Stephen King's fiction have tried to \_\_\_\_\_ his writing style.

- (1) ascend
- (2) certify
- (3) emulate
- (4) supervise

5. The slow, flowing movements of the Silk Weaving Dance make this traditional folkdance from northern Thailand particularly \_\_\_\_.

- (1) invasive
- (2) graceful
- (3) abundant
- (4) hostile

6. Between 1959 and 1961, China was \_\_\_\_ by a drought that caused severe food shortages.

- (1) smuggled
- (2) plagued
- (3) furnished
- (4) boosted

7. A full year after a powerful earthquake struck Wellington, New Zealand in 2016, buildings deemed to be unsafe were still being \_\_\_\_.

- (1) accelerated
- (2) bestowed
- (3) interrogated
- (4) demolished

8. In March 2021, after three days of heavy rain, the \_\_\_\_ Parramatta River in Sydney burst its banks.

- (1) wholesome
- (2) persuasive
- (3) swollen
- (4) grateful

**Restatements (Questions 9-12)**

This part consists of several sentences, each followed by four possible ways of restating the main idea of that sentence in different words. For each question, choose the one restatement **which best expresses the meaning of the original sentence.**

9. A pecan tree can yield edible nuts for as long as three hundred years.
- (1) For up to three hundred years, a pecan tree can produce nuts suitable for eating.
  - (2) Pecan nuts can be stored for as long as three hundred years.
  - (3) People first began harvesting pecan nuts three hundred years ago.
  - (4) The pecan tree, which has edible nuts, lives for about three hundred years.
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10. Attempts by the National Aeronautics and Space Administration (NASA) to locate the Mars Polar Lander, which had been scheduled to land on Mars on December 3, 1999, proved futile.
- (1) NASA tried unsuccessfully to find the Mars Polar Lander after it failed to reach Mars on December 3, 1999, as planned.
  - (2) On December 3, 1999, NASA lost contact with the Mars Polar Lander and began an intensive search for it.
  - (3) NASA continues to search for the Mars Polar Lander, which disappeared on December 3, 1999, shortly before it was scheduled to land.
  - (4) After several attempted landings, NASA's Mars Polar Lander finally set down on Mars on December 3, 1999.
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11. In an effort to rectify the gender imbalance in its collection, the Baltimore Museum of Art pledged that throughout 2020 it would acquire only works created by women.
- (1) The Baltimore Museum of Art announced that, due to criticism from women's groups, it would in the course of 2020 display only pieces of art that had been created by women.
  - (2) In 2020, the Baltimore Museum of Art initiated a program aimed at providing opportunities to women artists at the beginning of their careers.
  - (3) In response to claims of gender inequality, the Baltimore Museum of Art decided that in 2020 it would purchase only works of art that portray women.
  - (4) To compensate for the disproportionate number of male artists represented in its collection, the Baltimore Museum of Art undertook to buy during all of 2020 only artwork made by women.
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12. By the time George Washington was appointed commander-in-chief of the Continental Army in 1775, the memory of his culpability in the Jumonville affair had waned significantly.
- (1) Even after George Washington became commander-in-chief of the Continental Army in 1775, his reputation bore the stain of the Jumonville affair.
  - (2) George Washington's outstanding service as commander-in-chief of the Continental Army did much to redeem him after the Jumonville affair.
  - (3) When George Washington was being considered for commander-in-chief of the Continental Army, his conduct in the Jumonville affair was revisited.
  - (4) In 1775, when George Washington was chosen to be commander-in-chief of the Continental Army, few recalled his wrongdoing in the Jumonville affair.

### Reading Comprehension

This part consists of two passages, each followed by several related questions. For each question, **choose the most appropriate answer based on the text.**

#### Text I (Questions 13-17)

(1) The opium poppy, a delicate flower, is the source of some of the world's most potent painkillers, one of which is also an illicit drug. Opium's pain-relieving properties have been known since ancient times. Today, several opium-derived substances are used medicinally. The principal one, morphine, has been used since the mid-1800s to treat severe pain and remains the standard against which new pain medications are measured. Codeine is used to treat moderate pain and is also the active component in many cough medicines. Thebaine is used to make oxycodone, which is often prescribed for cancer patients. Also derived from opium is heroin, which was introduced for medicinal use in 1898 but was soon found to be highly addictive and was eventually outlawed.

(10) The market in opium-derived pharmaceuticals generates more than \$6.5 billion annually. However, the illegal traffic in heroin is estimated at \$13 billion a year.

Because heroin is so dangerous and because so much money is at stake, there are international restrictions on the growing and processing of the opium poppy. Even research on the plant is subject to extensive safeguards. Peter Facchini, professor of biochemistry at the University of Calgary in Canada, heads one of the few laboratories in the world dedicated to the study of the plant's biochemical and genetic secrets.

(15) Because the opium poppy is classified as a controlled substance, Facchini operates with a special license from the Canadian government and is permitted to grow only one hundred plants at a time. His lab includes a \$30,000 growth chamber – a windowless room that is equipped with an alarm and a motion detector and can be accessed only through a single, locked door.

(20) Facchini's work extends beyond the laboratory. He and his research team have become so well known that government agencies, police departments, and drug companies routinely seek their expertise.

### Questions

**13.** Which of the following statements about the opium poppy is not made in the first paragraph?

- (1) It is more common than any other species of poppy.
- (2) It is a delicate flower.
- (3) It is used to make several painkillers.
- (4) It is the source of heroin.

14. It can be inferred from the first paragraph that morphine is -

- (1) the most dangerous component of opium
- (2) less addictive than thebaine
- (3) not as strong as codeine
- (4) a highly effective pain reliever

15. Which of the following statements is true according to the text?

- (1) Heroin was outlawed in 1898.
- (2) Heroin is often prescribed by doctors.
- (3) Heroin is a highly addictive drug.
- (4) Heroin is the oldest known pain reliever.

16. The main purpose of the second paragraph is to discuss -

- (1) Facchini's research findings
- (2) how poppies are grown in a laboratory
- (3) safeguards for growing the opium poppy
- (4) the harmful effects of the opium poppy

17. In line 17, "a controlled substance" means a substance that is -

- (1) extremely expensive
- (2) subject to laws
- (3) difficult to grow
- (4) of interest to researchers

*Text II* (Questions 18-22)

- (1) Currency rates of exchange are featured daily in the news. In Israel, every newspaper and television news broadcast announces the value of the shekel in relation to the U.S. dollar and the euro. This relationship is determined by complex political and economic factors. Ideally, exchange rates should ensure that a product costs the same in different countries, but this is not always the case. In 1986, Pam Woodall of *The Economist* devised the Big Mac Index, a light-hearted guide that can be used to determine whether currency exchange rates actually equalize the price of an identical product – a McDonald's Big Mac.

- (10) The Big Mac is the most popular hamburger served by McDonald's, a fast food chain with thousands of restaurants in over 130 countries. The Big Mac is supposed to be identical in terms of size, taste, and ingredients, no matter where it is sold. Woodall's index, published every year since 1986, lists the price of a Big Mac in each country's currency, converts that price into U.S. dollars, and shows the exchange rate of each country's currency to the dollar. Woodall hypothesized that comparing actual exchange rates with Big Mac prices signals whether a currency is undervalued or overvalued.

- (20) Of course, the Big Mac Index does have its shortcomings. A Big Mac's price reflects more than just the cost of bread, meat, and vegetables. It also reflects other expenses, such as rent and labor. There is no reason to expect that these would be the same in different economic environments. Therefore, the Big Mac Index is probably most accurate when comparing countries at roughly the same stage of economic development.

*Questions*

**18.** An appropriate title for this text would be -

- (1) The Politics and Economics of Fast Food
- (2) Is the Big Mac Overpriced?
- (3) The Reliability of Currency Exchange Rates
- (4) The Big Mac: An Unusual Economic Indicator

19. The main purpose of the first paragraph is to -

- (1) describe how currency rates of exchange are calculated
- (2) explain why the Big Mac can be considered an "identical product"
- (3) introduce Pam Woodall's innovative way of comparing currencies
- (4) argue that goods in different countries should be similarly priced

20. According to the first paragraph, exchange rates -

- (1) do not always ensure that a product costs the same in different countries
- (2) are broadcast on television only in Israel
- (3) between the U.S. dollar and the euro are featured daily in the news in every country
- (4) are determined by Pam Woodall's Big Mac Index

21. According to the second paragraph, the Big Mac Index might include all of the following except -

- (1) the cost in U.S. dollars of a Big Mac in Italy
- (2) the rate of exchange between the U.S. dollar and the Israeli shekel
- (3) the countries where the Big Mac is sold
- (4) the cost of the Big Mac's ingredients in different countries

22. In line 16, "shortcomings" is closest in meaning to -

- (1) elements
- (2) exceptions
- (3) supporters
- (4) weaknesses