

ANTONYMS

Each question below consists of word printed in capital letters, followed by a choice of words or phrase. Choose the word or phrase that is most nearly opposite in meaning (antonym) to the word in capital letters. You will be given 05 such items.

Example:

AFFILIATE

- (A) cut away
- (B) associate oneself
- (C) feign
- (D) become friends
- (E) none of the above

The correct answer is (A)

SUBSTITUTE WORDS

Each problem in this part consists of a sentence in which one word or phrase has been underlined. From the choices given, you should choose the one word or phrase, which could be *substituted for the underlined word or phrase* without changing the meaning of the sentence.

You will be given 05 such items.

Example:

The frown on the man's face showed that he was displeased.

- (A) look of fear
- (B) look of anger
- (C) look of delight
- (D) look of surprise
- (E) none of the above

The correct answer is (B)

INCOMPLETE SENTENCES

In this part each problem consists of an *incomplete sentence*. From the choices given, you should find the one choice which best *completes the sentence*. You will be given 05 such items.

Example:

Because the United States has little tin, ----- produced in the rest of the world.

- (A) tin is used
- (B) it uses tin
- (C) uses of tin
- (D) uses tin
- (E) none of the above

The correct answer is (B)

WORD PROBLEMS

In this section, you are required to *solve word problems* , and then decide which is the best of the choices given. You will be given 05 such items.

Example:

The average weight of 3 boys is 53 pounds. Not one of these boys weighs less than 51 pounds. What is the maximum possible weight in pounds, of any one boy?

- (A) 53
- (B) 55
- (C) 57
- (D) 60
- (E) none of the above

The correct answer is (C)

ALGEBRAIC PROBLEMS

This part contains *algebraic problems* . You have to choose the correct answer. You will be given 05 such items.

Example:

$$\underline{a+b} = b$$

- (A) a
- (B) $a/b + b$
- (C) $a/b + 1$
- (D) $a^2 + 1$
- (E) none of the above

The correct answer is (C)

PHYSICS

This question of the test consist of general physics question. Select the most appropriate answer out of the options provided. You will be given 05 such items.

Example:
According to Newton Second Law of motion, acceleration produce in a body is directly proportional to applied:

- (A) Pressure
- (B) Temperature
- (C) Force
- (D) Current
- (E) None of the above

The correct answer is (C).

GENERAL SCIENCE

In this section, you are required to *fill in the blanks* by choosing the correct answer. You will be given 10 such items.

Example:
Normal body temperature of man is:

- (A) 36.8°C
- (B) 37°C
- (C) 98.6°C
- (D) 37.8°C
- (E) None of the above

The correct answer is (B)

PHYSICAL CHEMISTRY – CORRECT ANSWER

In this section, you are required to *choose the correct answer*. You will be given 10 such items.

Example:
 ΔH for a reaction is 110Kcal/mole this shows reaction is

- (A) Endothermic
- (B) Exothermic
- (C) It needs catalyst
- (D) In equilibrium state
- (E) None of the above

The correct answer is (A)

INORGANIC CHEMISTRY- CORRECT ANSWER

In this section, you are required to *choose the correct answer*. You will be given 10 such items.

According to Charles law the volume of a given mass of gas should

be zero at

- (A) -250C
- (B) 2730C
- (C) 0K
- (D) -1000C
- (E) None of the above

The correct answer is (C)

ORGANIC CHEMISTRY- CORRECT ANSWER

In this section, you are required to *choose the correct answer*. You will be given 10 such items.

Which of the following is known as wood spirit

- (A) Ethyl alcohol
- (B) Isopropyl alcohol
- (C) Methanol
- (D) mixture of all of these
- (E) None of the above

The correct answer is (C)

BOTANY

In this section, you are required to *choose the correct answer*. You will be given 15 such items

A plant that lives for many years:

- (A) A biennial
- (B) An ephemeral
- (C) An annual
- (D) A perennial
- (E) None of the above

The correct answer is (D)

ZOOLOGY

In this section, you are required to *choose the correct answer*. You will be given 15 such items

Example:

In which of the following no blood can be found:

- (A) Hydra
- (B) Cockroach
- (C) Frog
- (D) Man
- (E) None of the above

The correct answer is (A).