

Entrance Test Paper

(Sample)

ENGLISH

Complete sentence by choosing the most appropriate word, from the given lettered choices (A to E) below each.

1. **Sensory Cells** _____ impulses by producing electrical signals.

- A responding
- B to respond
- C respond to
- D respond
- E responds

2. The first engine _____ to drive a machine was the steam engine.

- A made use of
- B to make use of
- C of using
- D of making use
- E used of

Choose the lettered word or phrase that is most nearly opposite in meaning to the word in capital letters.

3. **SIMULATED**:

- A real
- B contrived
- C Unassuming
- D false
- E virtual

CHEMISTRY

4. The rate of a chemical reaction is:

- A Determined from a balance chemical equation
- B The change in concentration of products and reactants in a certain amount of time
- C Not possible to determine experimentally
- D Expressed in units of time

5. In neutralization

- A. The base is neutralised
- B. The acid is neutralised
- C. A salt is formed
- D. All of above

PHYSICS

6. As the temperature of solid increases, its specific heat:

- A Increases
- B decreases
- C Increases, then decreases
- D Remains the same

7. A particle performs simple harmonic motion of amplitude 0.020 m and frequently 2.5 Hz. What is its maximum speed?

- A 0.008 ms⁻¹
- B 0.50
- C 0.157
- D 0.314

BIOLOGY

8. Molds and yeasts are

- A Rodophytes
- B Byroptes
- C Fungi
- D Ciliates

9. Which compound capture light energy in plants?

- A O₂
- B CO₂
- C H₂
- D Chorophyll

Correct Answer

Q#.	Answer Key
1	C
2	B
3	A
4	B
5	D
6	D
7	C
8	C
9	D