

# Tripura JEE Biology Sample Papers 2025

1. Who first proposed the binomial nomenclature system?

- (A) Robert Hooke
- (B) Carolus Linnaeus
- (C) Aristotle
- (D) Robert Brown

2. The number of capsomeres in the Tobacco mosaic virus capsid is

- (A) 3210
- (B) 1230
- (C) 2130
- (D) 2031

3. Teichoic acids are found in the cell walls of

- (A) Gram-positive bacteria
- (B) Gram-negative bacteria
- (C) Rhodophyta
- (D) Bryophyta

4. Which one of the following is an example of aquatic floating Bryophytes?

- (A) *Riecia atlantica*
- (B) *Pteris vittata*
- (C) *Riccia fluitans*
- (D) *Marchantia polymorpha*

5. Heart is three-chambered in which of the following classes of animals?

- (A) Amphibia
- (B) Aves
- (C) Chondrichthyes
- (D) Osteichthyes

6. When the stamens remain united with petals, then it is called

- (A) Epipetalous

- (B) Episepalous
- (C) Gynandrous
- (D) Synandrous

7. Which one of the following is not a type of protostele?

- (A) Haplostele
- (B) Actinostele
- (C) Plectostele
- (D) Atactostele

8. Which one of the following statements is not correct?

- (A) Maltase converts maltose into glucose
- (B) Lipolytic enzymes hydrolyse fats and lipids
- (C) Amylase is a proteolytic enzyme
- (D) Nuclease causes the hydrolysis of nucleic acid

9. The colourless plastids that store starch are called

- (A) Amyloplast
- (B) Elaioplast
- (C) Proteinoplast
- (D) Pheoplast

10. In which organelle the enzyme catalase is found?

- (A) Lysosome
- (B) Peroxisome
- (C) Oxysome
- (D) Quantasome

11. The enzyme responsible for the conversion of glucose to glucose 6-phosphate is

- (A) mutase
- (B) aldolase
- (C) B-ketothiolase
- (D) hexokinase