Board of Intermediate Education - Telangana

MODEL QUESTION PAPER

Zoology-I (w.e.f. 2026-27)

Time: 3 hrs. **Max Marks: 60**

SECTION-A (10 × 2 = 20)

Answer ALL the questions. Every answer should be restricted to FOUR LINES only.

1. 'Echinoderms are enterocoelomates'. Comment.
2. Define the term histology. What is it otherwise called?
3. What is a synapse? What is it's function?
4. How do you identify a chiton from its external appearance? How many pairs of gills help in respiration of chiton?
5. Name the four extra embryonic membranes.
6. Why is the syngamy found in Plasmodium called Anisogamy?
7. Distinguish between osteoblasts and osteoclasts.
8. Write four names of indigenous dairy breeds.
9. How are national parks different from wild life sanctuaries?
10. What does CMFRI mean? Where is it located?

SECTION-B (6 × 4 = 24)

Answer ANY SIX questions. Every answer should be restricted to TWENTY LINES only.

11. Define species. Explain various aspects of species.
12. Give a brief account of the cells of areolar tissue.
13. What are the chief characters of the crustaceans?
14. Write eight salient features of the Amphibia.
15. Write short notes on Chikungunya.
16. Draw a neat labelled diagram of ommatidium.
17. What are the three levels of Biodiversity?
18. Write short notes on economic importance of sericulture.

SECTION-C (2 × 8 = 16)

Answer ANY TWO questions. Every answer should be restricted to SIXTY LINES only.

19. Describe the life cycle of plasmodium vivax in mosquito.
20. Describe the digestive system of cockroach with the help of a neat labelled diagram.
21. Describe different types of food chains that exist in an ecosystem.