

APRIL/MAY 2019

BABT12 — BIOSYSTEMATIC IN BIOLOGY

Time : Three hours

Maximum : 75 marks



SECTION A — (10 × 2 = 20 marks)

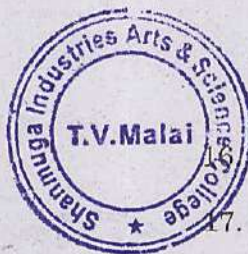
Answer ALL questions.

1. What is Biosystematics?
2. What is Herbarium?
3. What are Dinoflagellates?
4. What are Ascomycetes?
5. What are Gymnosperms?
6. What are Bryophytes?
7. Give examples of Alga.
8. What are the salient features of Coelenterata
9. What are the salient features of Ctenophore?
10. What is Metamorphosis?

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Write about the Diversity of life.
Or
(b) Write short notes about Museum.
12. (a) Explain the Characteristic features of Monera.
Or
(b) Describe the Characteristic features of fungi
13. (a) Outline the classification of Gymnosperm.
Or
(b) What are the general Characters of plant kingdom?
14. (a) Describe the characteristics of protochordates?
Or
(b) Discuss the classification of protector dates.
15. (a) What are the salient features of Pisces?
Or
(b) Explain the classification of Reptiles with examples.



SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

- Discuss in detail about the taxonomic hierarchy.
17. Elaborate on five kingdom classification of microbes.
18. Explain the general character of Bryophytes.
19. Write in detail the salient features of arthropods.
20. Outline the classification of mammals with examples.