

D1BZL2102 (S3)

Reg. No.....

Name:

FIRST SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2024

(Improvement/Supplementary)

ZOOLOGY: COMPLEMENTARY COURSE FOR BOTANY

GZOL1C01T: ANIMAL DIVERSITY AND WILDLIFE CONSERVATION

Time: 2 Hours

Maximum Marks: 60

SECTION A: Answer the following questions. Each carries *two* marks.

(Ceiling 20 marks)

1. What is meant by Red tide? How does it affect marine life?
2. Write short notes on *Vorticella*.
3. Mention the salient features of Phylum *Porifera*.
4. What is ship worm?
5. Comment on hermit crab.
6. What is mediastinum?
7. What is meant by living fossil? Cite an example.
8. What are the identifying features of *Daboia*?
9. What is a gemmule?
10. Write short notes on Wildlife Protection Act 1972.
11. What is meant by corpora quadrigemina?
12. What are green glands?

SECTION B: Answer the following questions. Each carries *five* marks.

(Ceiling 30 marks)

13. Discuss the parasitic adaptations of leech.
14. What is a biodiversity hotspot? Name the hotspots located in India.
15. Distinguish between chondrichthyes and osteichthyes.
16. Explain the fundamental Chordate characters with the help of a diagram.
17. Elaborate on the Red Data Book of IUCN.
18. Enumerate the parasitic adaptations of *Fasciola hepatica*.
19. Discuss the flight adaptations of *Pteropus*.

SECTION C: Answer any *one* question. The question carries *ten* marks.

20. With a neat labelled diagram explain the digestive system of *Oryctolagus*. Add a short note on coprophagy.
21. Explain the thoracic appendages of *Panaeus* using a labelled diagram.

(1 × 10 = 10 Marks)