

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



B.Sc. DEGREE EXAMINATION – PLANT BIOLOGY AND PLANT BIOTECHNOLOGY

FIRST SEMESTER – NOVEMBER 2022

UAZ 1301 – ANIMAL DIVERSITY - I

Date: 01-12-2022

Dept. No.

Max. : 100 Marks

Time: 01:00 PM - 04:00 PM

PART - A

Answer ALL the Questions

(10 x 2=20)

1. Mention the significance of snail slime
2. Comment on vocal sacs in frog
3. Write a short note on chromatophores
4. Mention the role of placenta in mammals
5. Comment on pterylosis
6. Write a note on biodiversity
7. Write a note on hibernation
8. Comment on mimicry
9. What are alecithal eggs?
10. Comment on taeniasis

PART - B

Answer any FOUR Questions

(4 X 10 =40)

11. Explain in detail on the structural morphology *Taenia solium* with a diagram
12. Elaborate the structural morphology of frog
13. Elaborate on the external anatomy of leech with suitable diagrams
14. Describe the structural organization of *Rattus rattus*
15. Elaborate on morphological features of apple snail with suitable illustrations.
16. Explain the different types of appendages of Indian white prawn.

PART - C

Answer any TWO Questions

(2 X 20 =40)

17. Write an essay on the diversity of living things with suitable examples
18. Elaborate the structural organization of *Penaeus indicus*
19. Write an essay on the structural organization of *Calotes vericolor*
20. Elaborate the structural organization of pigeon with suitable illustrations.

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