

**LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034**



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

**FIRST SEMESTER – NOVEMBER 2019**

**17/18UZO1AL01 – ANIMAL DIVERSITY**

Date: 05-11-2019

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

**PART - A**

**Answer ALL the Questions:**

**(10x2=20)**

1. Comment on the common features of animals.
2. Mention the function of forelimbs in pigeon.
3. What is the importance of placenta in mammals?
4. Explain the importance of tympanic membrane.
5. Comment on Cysticercoids.
6. Write a note on biodiversity.
7. Write a note on hibernation.
8. Comment on mimicry.
9. What are alecithal eggs with an example?
10. Comment on taeniasis.

**PART – B**

**Answer any FOUR Questions:**

**(4x10=40)**

11. Explain in detail the diversity of living things with suitable example.
12. Give the life cycle of the star fish.
13. Explain the characteristics of *Hirudo medicinalis* with suitable diagrams.
14. Elaborate the morphology of *Taenia solium*.
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:**

**(2x20=40)**

17. Form an essay on external anatomy and functions of various organs of the frog.
18. Write an essay on the structural organization of *penaeus indicus*.
19. Write an essay on the structural organization of garden lizard.
20. Elaborate the structural organization of pigeon with suitable illustrations.

\*\*\*\*\*