



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

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

SECOND SEMESTER – APRIL 2019

AZ 2104– ANIMAL DIVERSITY

Date: 11-04-2019
Time: 09:00-12:00

Dept. No.

Max. : 100 Marks

Part-A

Answer All the questions

(10×2=20 Marks)

1. Comment on Medusa
2. Define Trophozoite.
3. What is Scolex?
4. What is Hirudin?
5. Define sexual reproduction with an example.
6. Name the cephalic appendages of Prawn.
7. Comment on quill feather.
8. Draw the hyoid apparatus of Frog.
9. What is placenta?
10. What are extra embryonic membranes?

Part-B

Answer any FOUR questions

(4×10=40 Marks)

11. Write notes on the life cycle of *Entamoebahistolytica*
12. Elaborate on proglottid of *Taeniasolium*.
13. Draw a neatly labelled diagram of nervous system of *Pilaglobosa*.
14. Give an account on air sac of pigeon.
15. Describe the water vascular system of starfish.
16. Describe the arterial system of Frog.

Part-C

Answer any TWO questions

(2×20=40 Marks)

17. Write an essay on structure and organization of *Obeliageniculata*.
18. Explain male and female reproductive system *Calatotusversicolor*.
19. Write an essay on the types of chordate eggs.
20. Classify placenta based on morphology, histology and distribution of villi.