



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

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

SECOND SEMESTER – APRIL 2015

AZ 2104 - ANIMAL DIVERSITY

Date : 20/04/2015

Dept. No.

Max. : 100 Marks

Time : 01:00-04:00

Part-A

Answer ALL the questions

(10×2=20 Marks)

1. What is amoebiasis?
2. Comment on hermaphrodite.
3. What is petasma?
4. Comment on medusa.
5. What is radula?
6. Comment on regeneration.
7. Draw and label hyoid apparatus of frog.
8. Give a dental formula of man and rabbit.
9. Name the subclasses of the class Mammalia.
10. Comment on extra embryonic membranes.

Part-B

Answer any FOUR questions

(4×10=40 Marks)

11. Write notes on the life cycle of *Entamoeba histolytica*
12. Explain the external characteristics of *Obelia geniculata*.
13. Describe the life cycle of *Ascaris lumbricoides*.
14. Write notes on lungs and air sac in pigeon.
15. Draw and label the structure of brain (dorsal and ventral view) of Frog.
16. Explain the placenta based on morphology and distribution of villi.

Part-C

Answer any TWO questions

(2×20=40 Marks)

17. Explain structure and organization of *Teania solium*.
18. Discuss the structure and reproductive system of *Pila globosa*.
19. Write about the arterial and venous system of Frog.
20. Classify chordate eggs based on amount and distribution of yolk.
