



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

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

SECOND SEMESTER – APRIL 2016

AZ 2104 / AZ 2102 - ANIMAL DIVERSITY

Date: 26-04-2016
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

Part-A

Answer ALL the questions

(10×2=20 Marks)

1. Differentiate invertebrate from chordate animals.
2. What is amebeosis?
3. Comment on petasma?
4. Comment on Medusa.
5. What is mature proglottid?
6. Comment on hyoid apparatus.
7. Differentiate cleidoic eggs from non-cleidoic eggs.
8. What is implantation?
9. Name the subclasses of the class Mammalia.
10. Mention the dental formula of rabbit and cow.

Part-B

Answer any FOUR questions

(4×10=40 Marks)

11. Elaborate on proglottid of *Taenia solium*.
12. Give an account on star fish.
13. Describe the thorasic appendages of prawn.
14. Give an account on air sac of pigeon.
15. Draw and label the parts of reproductive system of frog.
16. Write notes on the types of chordate eggs.

Part-C

Answer any TWO questions

(2×20=40 Marks)

17. Write an essay on *Ascaris lumbricoides*.
18. Elaborate the life cycle (Golgi and Ross) of malarial parasite *Plasmodium*.
19. Describe the arterial and venous system of Frog.
20. What is placenta? Explain placenta based on morphology, distribution of villi and histology.
