

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



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

FIRST SEMESTER – NOVEMBER 2016

16UZO1AL01/AZ 2104/AZ 2102 – ANIMAL DIVERSITY

Date: 09-11-2016

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

Part-B

Answer any FOUR questions

(4×10=40 Marks)

11. Give an account on polymorphism of Obelia.
12. Describe the water vascular system of starfish
13. Describe the cephalic 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 extra embryonic membrane of chick.

Part-C

Answer any TWO questions

(2×20=40 Marks)

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