



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc. DEGREE EXAMINATION – PLANT BIOLOGY AND PLANT BIO.TECH.

FIRST SEMESTER – NOVEMBER 2017

17/16UZO1A01 – ANIMAL DIVERSITY

Date: 11-13-2017
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

Part-A

Answer ALL the questions

(10 x 2=20)

1. Differentiate Aestivation from hibernation.
2. Write a note on Chromatophores.
3. Comment on Uropygium.
4. What are the foetal membranes?
5. Comment on Cysticercosis.
6. Mention the importance of fat bodies in frog.
7. Comment on 'Ecydysis' in *Calotes versicolor*.
8. What is amoebic dysentery?
9. Write the importance of snail slime.
10. Mention the function of Chorion.

Part-B

Answer any FOUR questions

(4 X 10 =40)

11. Explain the different types of appendages of indian white prawn.
12. Elaborate the morphology of *Taenia solium*.
13. Explain in detail morphological structure of *Columba livia*.
14. Give an account on Life Cycle of *Obelia teniculate*.
15. Explain the male or female reproductive system of frog.
16. Write an essay on the structural organization of *Asterias rubens*.

Part-C

Answer any TWO questions

(2 X 20 =40)

17. Form an essay on structural organization of frog.
18. Elaborate on the morphology of Indian white prawn.
19. Form an essay on external structures of *Calotes versicolor*.
20. Write an essay on the structural organization of apple snail.

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