

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



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

FIRST SEMESTER – NOVEMBER 2019

UAZ 1301 – ANIMAL DIVERSITY - I

Date: 05-11-2019

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

Part-A

Answer ALL the questions

(10 x 2=20)

1. Comment on the common features of animals.
2. Differentiate diploblastic animals from triploblastic animals.
3. Mention the function of forelimbs in pigeon.
4. Comment on mimicry.
5. Explain on pterylosis.
6. What is planula?
7. Write a note on medusa.
8. Comment on aestivation.
9. Mention the function of pleuropod.
10. Mention the role of placenta in mammals.

Part-B

Answer any FOUR questions

(4 X 10 =40)

11. Explain in detail the diversity of living things with suitable example.
12. Write an account on the functions of sense organs of *Calotes versicolor*.
12. Give the life cycle of the sea star.
14. Elaborate on the digestive system of frog.
15. Explain the structural organization of placentation in mammals.
16. Describe the development of *Obelia geniculata*.

Part-C

Answer any TWO questions

(2 X 20 =40)

17. Form an essay on external anatomy and functions of various organs of the frog.
18. Explain in detail on the morphology of *Taenia solium* with its life cycle.
19. Elaborate the structural organization of *Pila globosa*.
20. Write an essay on the structural organization of *Penaeus indicus*.

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