

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY AND BIOTECHNOLOGY

SECOND SEMESTER – APRIL 2022

UAZ 2501 – CHORDATA

Date: 16-06-2022

Dept. No.

Max. : 100 Marks

Time: 01:00-04:00

Part-A

Answer ALL the questions

(10×2=20 Marks)

1. List out characteristic features of chordates.
2. State the function of placoid scale.
3. Comment on Synsacrum.
4. What is Isinglass?
5. Comment on Echeneis.
6. What is catadromous migration.
7. Draw hyoid apparatus.
8. Comment on Alytes.
9. What is Neoteny?
10. What is nictitating membrane?

Part-B

Answer any FOUR questions

(4×10=40 Marks)

11. Explain the role of Placenta in mammals.
12. Describe the different types of feathers.
13. Name the sub classes of the class Mammalia.
14. Give an account of pulmonary respiration in frog.
15. Give an account of retrogressive metamorphosis.
16. Describe parental care in fishes.

Part-C

Answer any TWO question

(2×20=40 Marks)

17. Describe affinities of Amphioxus.
18. Describe Air sacs of Birds.
19. Classify Eggs based on amount of distribution of yolk.
20. Differentiate Poisonous from Non-poisonous snakes.

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