

B A, BSC, BCOM DEGREE END SEMESTER EXAMINATION – MARCH 2026
UGP (HONS.) SEMESTER – 4: – DISCIPLINE SPECIFIC COURSE
COURSE: 24UZOODSC205 – ANIMAL DIVERSITY – CHORDATA I

(For Regular 2024 Admission)

Time: 1.5 Hours

Max. Marks: 50

PART A

All questions carry 1 mark. Answer all the questions.

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| 1. Name an example of a Dipnoian (Lungfish). | CO1, CO2, U |
| 2. Give the scientific name of the Indian Green Frog. | CO1, CO2, U |
| 3. Name the specialized teeth in venomous snakes used for injecting venom. | CO1, CO2, U |
| 4. What is anadromous migration? | CO1, CO2, U |
| 5. What is Jacobson's organ? | CO1, CO2, U |
| (1 x 5 = 5) | |

PART B

All questions carry 2 marks each. Answer all the questions.

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| 6. Why is <i>Chimaera</i> called a "Ratfish"? | CO1, CO2, An |
| 7. Snakes flip their tongue in and out. Why? | CO1, CO2, An |
| 8. Frogs perform amphiplexus. Why? | CO1, CO2, An |
| 9. Why anapsids have no temporal fossae? | CO1, CO2, An |
| 10. Why vertebrates are usually dioecious? | CO1, CO2, An |
| (2 x 5 = 10) | |

PART C

Short paragraph answers. All questions carry 5 Marks. Answer any 3

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| 11. Describe the phenomenon of 'Migration' in fishes. | CO1, CO2, U |
| 12. Write a note on 'Order Urodela' with examples. | CO1, CO2, U |
| 13. Explain the respiratory system of the Frog. | CO1, CO2, U |
| 14. Explain your reasons to substantiate that Aves are formed from reptiles. | CO1, CO2, E |
| 15. What are the salient features of Chordata. Outline the classification. | CO1, CO2, U |
| (5 x 3 = 15) | |

PART D

Descriptive answers. All questions carry 10 Marks. Answer any 2

16. Discuss the various modes of 'Parental Care' exhibited by fishes with specific examples.

CO1, CO2, U

17. Describe the nervous system and sense organs of the Frog.

CO1, CO2, U

18. Describe the salient features of Reptilia and its classification with an example each.

CO1, CO2, U

19. Describe divisions Agnatha and Gnathostomata. How modern fishes evolved from them?

CO1, CO2, U

(10 x 2 = 20)