

A-0082

Total Pages : 3

Roll No.

MSCZO-601

M.Sc. Zoology (MSCZO)

(Vertebrates)

Examination, June 2025

Time : 2:00 Hrs.

Max. Marks : 70

Note :- This paper is of Seventy (70) marks divided into Two (02) Sections 'A' and 'B'. Attempt the questions contained in these sections according to the detailed instructions given therein. *Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.*

SECTION-A

(Long Answer Type Questions) 2×19=38

Note :- Section 'A' contains Five (05) Long-answer type questions of Nineteen (19) marks each. Learners are required to answer any two (02) questions only.

1. Give a detailed classification of class Mammalia up to order level.
2. Give an elaborate account of fin system in fishes along with theories of origin of fins.
3. Give a detailed account of accessory respiratory organs in fishes.
4. Describe in detail poisonous apparatus of snake and its biting mechanism,
5. Discuss the classification and affinities of Prototheria.

SECTION–B

(Short Answer Type Questions) 4×8=32

Note :– Section ‘B’ contains eight (08) short-answer type questions of Eight (08) marks each. Learners are required to answer any *Four* (04) questions only.

1. Discuss general characters and classification of Cyclostomata.
2. Explain migration in fishes.
3. Describe parental care in fishes.
4. Write a note on economic importance of fishes.

5. Write an elaborate note on Archaeopteryx and its affinities.
6. Describe the modifications found in feet of birds with suitable example.
7. Describe structure and development of a mammalian tooth.
8. Discuss aquatic adaptations in mammals.
