

A-0104

Total Pages : 3

Roll No.

MSCZO-601

M.Sc. ZOOLOGY (MSCZO)

(Vertebrates)

3rd Semester Examination, Session December 2024

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 superclass Pisces up to order level.
2. Discuss origin and ancestry of mammals.
3. Describe parental care in amphibians with appropriate examples.
4. Discuss various flight adaptations of birds.
5. Describe distinctive characters and affinities of Metatheria.

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 the affinities of Balanoglossus.
2. Describe scales of fishes with suitable diagram.
3. Differentiate between poisonous and non-poisonous snakes.
4. Describe beak modifications of birds with suitable examples.

5. Write a short note on migration of birds.
6. Explain various modifications found in teeth with suitable diagrams.
7. Describe adaptive convergence in mammals.
8. Discuss various adaptations found in flying mammals.
