

A-0075

Total Pages : 3

Roll No.

MSCZO-502

M.Sc. Zoology (MSCZO)

(Taxonomy & Evolution)

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. What is Speciation ? Describe different types of speciation.
2. Explain the Evolution of Man.
3. Explain Hardy-Weinberg law of Genetic Equilibrium with its significance.
4. Write an essay on the importance of taxonomy.
5. Write the comments of Taxonomic collection. Preservation and Identification.

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. What are Modern Approaches in Taxonomy ?
2. Describe the Model Changes in Genetic Variation.
3. Write an essay on Lamarckism
4. Write an essay on natural selection.

5. Write the short note on any *two* of the following :
 - (a) Micro-evolution and mega-evolution
 - (b) Neo-taxonomy
 - (c) Molecular Taxonomy
6. Discuss about the taxonomical collection and preservation.
7. Write detailed note on Species concept.
8. What is Destabilizing Forces ?
