

A-1064

Total Pages : 03

Roll No. -----

MSCZO-502

Taxonomy & Evolution

M.Sc. Zoology (MSCZO)

Examination 2026(Feb.)

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)

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.

[2x19=38]

P.T.O.

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- Q.1. Write an essay on the importance of taxonomy.
- Q.2. What is Speciation? Describe different types of speciation.
- Q.3. Describe the Concept & theories of Evolution.
- Q.4. Explain the Evolution of Man.
- Q.5. Discuss briefly principle of International Code of Zoological Nomenclature (ICZN).

Section-B

(Short-Answer-Type Questions)

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.

[4x8=32]

- Q.1. Give a brief account of Neo Darwinism.
- Q.2. Write detailed note on Species concept.
- Q.3. Write the short note on any two:
- a. Mutation
 - b. Natural Selection

c. Hardy-Weinberg law of Genetic Equilibrium

Q.4. Write detailed note on Species concept.

Q.5. What are Modern Approaches in Taxonomy?

Q.6. Write an essay on natural selection.

Q.7. Discuss about the taxonomical collection and preservation.

Q.8. Write short notes on Isolation.
