

A-0080

Total Pages : 3

Roll No.

MSCZO-508

M.Sc. Zoology (MSCZO)

(Environmental Biology)

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.

- Q. 1. Discuss in details about global environmental changes.
- Q. 2. What is the meaning of population. Write the characteristics of population.
- Q. 3. What do you understand by ecological succession. Describe various kinds of succession.
- Q. 4. Explain in details the Logistic and Exponential growth curve.
- Q. 5. Write in details about the causes and effects of air pollution.

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.

- Q. 1 What is conservation ? Write the principles of conservation.
- Q. 2. Describe the concepts of Edges and Ecotone.
- Q. 3. Write note on nuclear pollution.

- Q. 4. Write the method of measuring population density.
- Q. 5. Write in brief about mutualism.
- Q. 6. Explain Ages and Structure of population.
- Q. 7. Discuss proto-cooperation.
- Q. 8. Write short note on Optimal Foraging Theory (OFT).
