

A-1015

Total Pages : 3

Roll No.

ENS-501/EVS-501

M.Sc. Environmental Science (MSCES)

Environment and Ecology

1st 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.

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 environment ? Describe its types and importance in detail.
2. What are the ecosystem model approaches ? Describe in detail.
3. Discuss in detail about the need of environmental education in India.
4. What human activities are affecting the earth and its environment ? Describe in detail.
5. What do you understand by biogeochemical cycle ? Explain in detail.

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. Describe in brief about the food chain and food web.
2. Explain briefly about green house gases.
3. Explain about the pyramid of energy.
4. Write short notes on ecological niche.
5. Discuss in detail about biotic component of earth.
6. What are limiting environmental factors ? Explain briefly.
7. What is air pollution ? Describe about various air pollutants.
8. Write short notes on grazing and browsing.
