

A-1016

Total Pages : 3

Roll No.

ENS-502/EVS-502

M.Sc. ENVIRONMENTAL SCIENCE (MSCES)

(Land Water and Bio-Resources)

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.

1. Write an extended note on mineral resources and their importance.
2. Write a detailed note on causes and consequences of land degradation.
3. Write a detailed note on Earthquake, its causes, consequences and mitigation measures.
4. What is Land cover ? What are the various factors responsible for changes in land cover in India ? Also discuss consequences of land cover change.
5. Define the term 'Wasteland'. Write in detail about wasteland genesis and various land conservation and management measures.

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. Write a short note on land resources and their importance.
2. Write a short note on important mineral resources of India.

3. Discuss causes and consequences of deforestation.
4. What is a wasteland ? Discuss various types of wastelands.
5. What is land husbandry ? Discuss Soil amelioration and its techniques.
6. Write a short essay on water resources in India.
7. What is rain water harvesting ? What is its importance ? Discuss.
8. Briefly discuss IUCN Red List Categories.
