

A-567

Total Pages : 3

Roll No.

ENS-502/EVS-502

LAND WATER AND BIO-RESOURCES

M.Sc. Environmental Science (MSCES)

1st Semester Examination, 2024 (June)

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. What are the land resources ? Describe their characteristic patterns and importance.

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P.T.O.

- Q. 2. Write short notes on any *two* of the following :
- (a) Landcover Changes
 - (b) Landslides and Landslips
 - (c) Restoration of wetlands
 - (d) Micro irrigation - The Pani Panchayat
- Q. 3. Define Watershed. Describe the various approaches used for the management of watershed.
- Q. 4. What are the different biogeographical regions of India ? Briefly describe them.
- Q. 5. What are the different approaches used for the conservation of biodiversity outside the Protected Areas ? Describe them with suitable examples.

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. Define mineral resources ? Describe their distribution patterns and importance.
- Q. 2. Describe briefly the importance of Sundarbans.
- Q. 3. What are the various causes of land degradation ?

- Q. 4. Define biodiversity, biodiversity levels and values.
- Q. 5. Justify the dams- the necessary evil with examples.
- Q. 6. Define Ecosystem. Describe briefly the functions of forest ecosystem.
- Q. 7. What is section extinction ? Describe the IUCN Red List categories.
- Q. 8. What are the national initiatives for the conservation of biodiversity ? Briefly describe them.
