P-1059

Total Pages: 3 Roll No.

ESC-507

Ecology and Natural Resource Management-II

M.Sc. Environmental Science (MSCES)

2nd Semester Examination, 2023 (June)

Time: 2 Hours] [Max. Marks: 35

Note: This paper is of Thirty Five (35) 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 answer 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 Nine and Half (9½) marks each. Learners are required to answer any Two (02) questions only. (2×9½=19)

1. Write an extended note on international treaties and conventions on environment.

- 2. Write an essay on "human activities and pollution".
- **3.** Differentiate between conventional and non-conventional energy resources. Discuss various non-conventional energy resources highlighting their role in environmental protection.
- **4.** Discuss in detail about the important environmental legislations of India.
- **5.** Discuss in detail the clarification of Indian soil. Also discuss causes of soil erosion, its types and control measure.

SECTION-B

(Short Answer Type Questions)

Note: Section 'B' contains Eight (08) short answer type questions of Four (04) marks each. Learners are required to answer any Four (04) questions only. (4×4=16)

Write short note on:

- **1.** Conventional energy resources.
- **2.** Intellectual Property Right.
- **3.** Alternate energy sources.
- **4.** Impacts of water pollution on human health.

- **5.** Toxic pollutants and their health impacts.
- **6.** Political Administrative agencies for environment protection.
- 7. Central pollution control board (CPCB).
- **8.** National Environmental Laboratories.

P-1059 / ESC-507