

**A-0922**

Total Pages : 3

Roll No. ....

**ENS-509/EVS-603**

**M.Sc. (Environmental Science) (MSCES)**

**Environmental Impact Assessment and  
Environmental Auditing**

Examination February, 2026

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.

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( 1 )

P.T.O.

1. What do you understand by the Environmental Impact Assessment (EIA) ? Discuss its importance in sustainable development planning.
2. Describe the major components of the EIA process : identification, prediction, evaluation, mitigation, and communication.
3. Examine the provisions of the EIA Notification 2004 and its major amendments in India.
4. Discuss EIA applications in industrial projects, river valley projects, and highway development with examples from Uttarakhand.
5. Define Environmental Auditing (EA). Explain the key steps involved in conducting an environmental audit, including pre-audit, on-site activities, and post-audit reporting.

### **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. What are the main objectives of an EIA ? And list the core values and guiding principles of EIA.
2. What is the relationship between the project cycle and EIA ?
3. Differentiate between EIA and Environmental Auditing and their advantages.
4. What are the checklist method and matrix method in EIA ?
5. What are the main components of socio-economic impact assessment ?
6. What are audit protocols and why are they used ?
7. Discuss the major environmental impacts of mineral exploitation and outline suitable mitigation strategies.
8. Explain the procedure and key indicators used in assessing surface water quality in an EIA study.

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