

Roll No. : .....

Total No. of Questions : 16 ]

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# **CENV-312**

**M.Sc. (IIIrd Semester) Examination, Jan.-2023**

**ENVIRONMENTAL SCIENCE**

Paper - FS-ENV-CC-302

**(Environmental Impact Assessment-I)**

*Time : 3 Hours ]*

*[ Maximum Marks : 40*

The question paper contains three Sections.

**Section-A**

**(Marks : 1 × 10 = 10)**

**Note :-** Answer all *ten* questions (Answer limit **50** words). Each question carries **1** mark.

**Section-B**

**(Marks : 3 × 5 = 15)**

**Note :-** Answer any *five* questions by selecting at least *one* question from each Unit (Answer limit **200** words). Each question carries **3** marks.

**Section-C**

**(Marks : 5 × 3 = 15)**

**Note :-** Answer any *three* questions by selecting *one* question from each Unit (Answer limit **500** words). Each question carries **5** marks.

**Section-A**

1. (i) What is EIA ?
- (ii) What is Leopold Matrix ?

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- (iii) What do you mean by Environmental Appraisal ?
- (iv) Give the importance of environmental auditing.
- (v) What is Baseline Information ?
- (vi) Define Sustainable Development.
- (vii) What are the impacts of nuclear power plant on Environment ?
- (viii) Give benefits of river valley projects.
- (ix) Write the importance of public hearing.
- (x) What is Environment Impact Statement ?

### **Section-B**

#### **Unit-I**

- 2. Write a note on EIA Guidelines, 2006 of India.
- 3. Explain the Environmental Management Plan.
- 4. Write a note on procedure for reviewing environmental impact analysis.

#### **Unit-II**

- 5. Describe the landuse Policy of India.
- 6. Write about Environmental Appraisal Accounting and its importance.
- 7. Explain about urban planning for India.

#### **Unit-III**

- 8. Give the environmental impacts of mining projects.
- 9. Write in short about Infrastructure Development and its environmental appraisal.
- 10. Explain the environmental impacts of hydroelectric projects with suitable examples.

## **Section–C**

### **Unit–I**

11. Explain the Impact Assessment Methodologies along with strength and weakness.(Any *two* methodologies).
12. Describe the EIA procedure in detail.

### **Unit–II**

13. Give the definition, functions and benefits of Environmental auditing.
14. Describe in detail about the cost benefit analysis.

### **Unit–III**

15. Explain the environmental appraisal of Thermal Power Plant in detail.
16. Discuss the environmental appraisal of River valley project.