

**Dr. B. R. Ambedkar Open University**  
**Faculty of Science**  
**Department of Geology**  
**M.Sc Second Year (Environmental Science)**

**Course-V Air pollution and Control Technologies**  
**Assignment-1 (2022-2023)**

Maximum Marks-15

Minimum Marks-06

**Section-A (10 marks)**

***I. Answer any one of the following questions in about 30 lines***

1. List the impacts of global warming on environment
2. How are sampling stations identified in monitoring of air pollutants? Explain.

**Section-B (5 marks)**

***II. Answer any one of the following questions in about 15 lines***

1. Explain the causes of Indoor Air Pollution.
2. Explain how bioindicators are useful in the analysis of air pollutants?

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**Assignment-2 (2022-2023)**

Maximum Marks-15

Minimum Marks-06

**Section-A (10 marks)**

***I. Answer any one of the following questions in about 30 lines***

1. Explain the uses of CNG..
2. Define sound? When does it become noise? Explain with example.

**Section-B (5 marks)**

***II. Answer any one of the following questions in about 15 lines***

1. What are zero emission vehicles? Explain.
2. Explain the uses of CNG.

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**Course-VI Environmental Impact Assessment and Hazardous Waste Management**  
**Assignment-1 (2022-2023)**

Maximum Marks-15  
Minimum Marks-06

**Section-A (10 marks)**

*I. Answer any one of the following questions in about 30 lines*

1. What is IEE? Differentiate EIA from IEE.
2. Explain the EMP for Land Environment

**Section-B (5 marks)**

*II. Answer any one of the following questions in about 15 lines*

1. List the parameters that are essential in an EIA.
2. What is the purpose of the “screening” step of EIA?

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**Course- VI Environmental Impact Assessment and Hazardous Waste Management**  
**Assignment-2 (2022-2023)**

Maximum Marks-15  
Minimum Marks-06

**Section-A (10 marks)**

*I. Answer any one of the following questions in about 30 lines*

1. What is hazardous waste? Classify.
2. Describe the solid waste management practices.

**Section-B (5 marks)**

*II. Answer any one of the following questions in about 15 lines*

1. Explain the transportation of HW.
2. Explain location criteria for landfills.

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**Course-VII Water and Waste Water Treatment Technologies**  
**Assignment-1 (2022-2023)**

Maximum Marks-15  
Minimum Marks-06

**Section-A (10 marks)**

*I. Answer any one of the following questions in about 30 lines*

1. Explain about the sources & causes of impurities in water.
2. Discuss about the types of rapid sand filters.

**Section-B (5 marks)**

*II. Answer any one of the following questions in about 15 lines*

1. List out the various sources of water.
2. What is aeration? Discuss its limitations.

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**Course- VII Water and Waste Water Treatment Technologies**  
**Assignment-2 (2022-2023)**

Maximum Marks-15  
Minimum Marks-06

**Section-A (10 marks)**

*I. Answer any one of the following questions in about 30 lines*

1. Describe the cleaner technologies in wastewater treatment.
2. Describe the plain sedimentation process.

**Section-B (5 marks)**

*II. Answer any one of the following questions in about 15 lines*

1. Discuss about the activated carbon treatment.
2. What are pre-audit activities?

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**Course-VIII Global Environmental Issues**  
**Assignment-1 (2022-2023)**

Maximum Marks-15  
Minimum Marks-06

**Section-A (10 marks)**

***I. Answer any one of the following questions in about 30 lines***

1. Explain the CO<sub>2</sub> cycle.
2. Describe the climate system.

**Section-B (5 marks)**

***II. Answer any one of the following questions in about 15 lines***

1. Explain the Ozone depleting potential.
2. Explain the relation between acid rain and pH.

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**Course- VIII Global Environmental Issues**  
**Assignment-2 (2022-2023)**

Maximum Marks-15  
Minimum Marks-06

**Section-A (10 marks)**

***I. Answer any one of the following questions in about 30 lines***

1. Describe the climate system
2. Discuss various changes brought in by the Globalization.

**Section-B (5 marks)**

***II. Answer any one of the following questions in about 15 lines***

1. Explain the effects of Aerosols.
2. Describe the chronology of nuclear disasters.