

**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 (2019-2020)**

Maximum Marks-15

Minimum Marks-06

**Section-A (10marks)**

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

1. Describe the causes and health effects of Indoor Air pollution.
2. Describe the various types of air pollutants.

**Section-B (5marks)**

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

1. What are the natural sources of Air Pollution?
2. Explain the Air pollution plumes.

**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-2 (2019-2020)**

Maximum Marks-15

Minimum Marks-06

**Section-A (10marks)**

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

1. Explain the various air pollution control equipments used in the production of thermal energy.
2. Explain the ambient air quality standards.

**Section-B (5marks)**

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

1. Explain the BS-IV standards for automobiles.
2. Describe the health problems with noise pollution.

**Dr.B.R.Ambedkar Open University**  
**Faculty of Science**  
**Department of Geology**  
**M.Sc Second Year (Environmental Science)**  
**Course-VI Environmental Impact Assessment and Hazardous Waste Management**  
**Assignment-1 (2019-2020)**

Maximum Marks-15

Minimum Marks-06

**Section-A (10marks)**

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

1. What is EIA? Explain the steps to be followed in the EIA of air environment.
2. Explain the EIA processes in the forest and wildlife environments.

**Section-B (5marks)**

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

1. Describe the EIA for water projects.
2. What is the procedure for auditing.

**Dr.B.R.Ambedkar Open University**  
**Faculty of Science**  
**Department of Geology**  
**M.Sc Second Year (Environmental Science)**  
**Course- VI Environmental Impact Assessment and Hazardous Waste Management**  
**Assignment-2 (2019-2020)**

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 solid waste management practices..
2. Explain the collection, storage and disposal of Hazardous waste

**Section-B (5 marks)**

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

1. Explain the process of incineration of hazardous waste.
2. Explain the types of hazardous waste.

**Dr.B.R.Ambedkar Open University**  
**Faculty of Science**  
**Department of Geology**  
**M.Sc Second Year (Environmental Science)**  
**Course-VII Water and Waste Water Treatment Technologies**  
**Assignment-1 (2019-2020)**

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 various procedures adapted for supplying safe drinking water.
2. Describe the importance of screening and sedimentation in the treatment of drinking water.

**Section-B (5 marks)**

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

1. Discuss the rapid sand filters.
2. Explain the importance of disinfection.

**Dr.B.R.Ambedkar Open University**  
**Faculty of Science**  
**Department of Geology**  
**M.Sc Second Year (Environmental Science)**  
**Course- VII Water and Waste Water Treatment Technologies**  
**Assignment-2 (2019-2020)**

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 biological treatment methods of industrial waste waters.
2. Explain the treatment process of waste waters of tanneries.

**Section-B (5 marks)**

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

1. Explain pollution from cement factory.
2. Explain the bioremediation.

**Dr.B.R.Ambedkar Open University**  
**Faculty of Science**  
**Department of Geology**  
**M.Sc Second Year (Environmental Science)**  
**Course-VIII Global Environmental Issues**  
**Assignment-1 (2019-2020)**

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 global warming? What are the impacts of global warming?
2. Write an essay on the impacts of climate change on agriculture.

**Section-B (5 marks)**

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

1. Explain the health issues with global warming.
2. Describe the cause for acid rain.

**Dr.B.R.Ambedkar Open University**  
**Faculty of Science**  
**Department of Geology**  
**M.Sc Second Year (Environmental Science)**  
**Course- VIII Global Environmental Issues**  
**Assignment-2 (2019-2020)**

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 for the production of nuclear energy.
2. Explain the concept of sustainable development.

**Section-B (5 marks)**

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

1. Explain the ozone layer depletion.
2. Describe the impacts of urbanisation.