

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 (2020-2021)

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 impacts of air pollution on the environment.
2. What are the various instruments used to measure air pollutants? Explain.

Section-B (5 marks)

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

1. What are acid rains? Explain the reasons for acid rain?
2. What are secondary air pollutants? Explain.

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Course-V Air pollution and Control Technologies
Assignment-2 (2020-2021)

Maximum Marks-15

Minimum Marks-06

Section-A (10 marks)

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

1. Explain briefly the status of Vehicular pollution modeling in India.
2. Draw the schematic sketch of CATOX and discuss how SO_x is removed.

Section-B (5 marks)

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

1. Explain the importance of alternate fuels.
2. Explain the sources of emissions in petrol engines.

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Course-VI Environmental Impact Assessment and Hazardous Waste Management
Assignment-1 (2020-2021)

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 (2020-2021)

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? Explain its Management practices.
2. Describe the Solid management methods..

Section-B (5 marks)

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

1. Describe the transportation of Hazardous waste.
2. Explain location criteria for landfills.

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Course-VII Water and Waste Water Treatment Technologies
Assignment-1 (2020-2021)

Maximum Marks-15
Minimum Marks-06

Section-A (10 marks)

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

1. Explain microbiological metabolism in aquatic environment.
2. Describe the chemicals used in treatment of water with mixing processes.

Section-B (5 marks)

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

1. Explain the process of physical test to find out the quality of water.
2. Write a short note on decomposition of sewage.

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Course- VII Water and Waste Water Treatment Technologies
Assignment-2 (2020-2021)

Maximum Marks-15
Minimum Marks-06

Section-A (10 marks)

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

1. Explain in detail about aerated lagoons.
2. Explain about the composition of waste water.

Section-B (5 marks)

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

1. Explain estuarine pollution.
2. Explain about bar screens.

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Course-VIII Global Environmental Issues
Assignment-1 (2020-2021)

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 evidences for Global Warming.
2. Describe the chemical reaction that occurs in stratosphere.

Section-B (5 marks)

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

1. Concept of Global Warming.
2. Describe the Solar emission and reflection.

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Course- VIII Global Environmental Issues
Assignment-2 (2020-2021)

Maximum Marks-15
Minimum Marks-06

Section-A (10 marks)

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

1. What are the green solutions to control climate change?
2. Explain the impacts of Acid rain on fresh water.

Section-B (5 marks)

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

1. Explain the effects of Aerosols.
2. Explain 4C's of climate control change.