

DR. B. R. AMBEDKAR OPEN UNIVERSITY, HYDERABAD
FACULTY OF SCIENCE
DEPARTMENT OF EARTH AND ENVIRONMENTAL SCIENCE
M.Sc. ENVIRONMENTAL SCIENCE -SECOND YEAR (2025-2026)
C-5: Air Pollution and Control Technologies

ASSIGNMENT – 1

Maximum Marks: 15

Minimum Marks: 06

Instructions to the Candidate:

- i. Answer all the questions**
- ii. Each question carries 5 marks**

- 1. Explain the adverse effects of smog on plants and materials
- 2. Explain briefly how bioindicators are useful in the analysis of air pollutants
- 3. Explain the importance of alternative fuels

ASSIGNMENT – II

Instructions to the Candidate:

Maximum Marks: 15

Minimum Marks: 06

- i. Answer all the questions**
- ii. Each question carries 5 marks**

- 1. Explain the health effects of vehicular pollution
- 2. Explain the impact on water environment by the paper industry
- 3. What are the effects of noise pollution on human health

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C-6: Environmental Impact Assessment and Hazardous Waste Management

ASSIGNMENT – 1

Maximum Marks: 15

Minimum Marks: 06

Instructions to the Candidate:

- i. Answer all the questions**
- ii. Each question carries 5 marks**

1. Describe the process of EIA
2. Explain point and non point sources of pollution
3. Describe the processes of EIA of noise environment

ASSIGNMENT – II

Instructions to the Candidate:

Maximum Marks: 15

Minimum Marks: 06

- i. Answer all the questions**
- ii. Each question carries 5 marks**

1. Describe the advantages and disadvantages with various disposal methods of Household waste
2. Describe the National Environmental Policy 2026
3. Explain the factors to meet ISO 14001 standards

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C-7: Water and Waste Water and Treatment Technologies

ASSIGNMENT – 1

Maximum Marks: 15

Minimum Marks: 06

Instructions to the Candidate:

- i. Answer all the questions**
- ii. Each question carries 5 marks**

1. Explain the sources and causes of impurities in water
2. Describe the methods of solid waste disposal
3. Explain the important steps in primary treatment of sewage

ASSIGNMENT – II

Instructions to the Candidate:

Maximum Marks: 15

Minimum Marks: 06

- i. Answer all the questions**
- ii. Each question carries 5 marks**

1. Explain continuous flow treatment models
2. Write about nitrification
3. What are the pre audit activities

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C-8: Global Environmental Issues

ASSIGNMENT – 1

Maximum Marks: 15

Minimum Marks: 06

Instructions to the Candidate:

- i. Answer all the questions**
- ii. Each question carries 5 marks**

1. What are the impacts of global warming?
2. Describe the health impacts with Ozone layer depletion.
3. Explain the consequences of Climate change.

ASSIGNMENT – II

Instructions to the Candidate:

Maximum Marks: 15

Minimum Marks: 06

- i. Answer all the questions**
- ii. Each question carries 5 marks**

1. Explain the impacts of Acid rain.
2. Describe the chronology of nuclear disasters.
3. Discuss the relationship between globalization and health.