

Regulation 2013
Important Questions – 7th Semester BE/BTECH
CE6011 Air Pollution Management

Unit I

1. List out the various air pollutants, their sources and its effect on both plant and human being
2. Explain the economical impacts of air pollution. Give example.
3. Write the causes, effects and control of ozone layer depletion
4. What is global warming? Discuss its occurrence pollutants responsible and impacts.
5. Write the effects of air pollution on human beings.

Unit II

1. With neat sketch, explain effect of lapse rate on plume behavior.
2. What are the meteorological factors influencing the air pollution? Explain briefly
3. What are dispersion models? State the types and explain them.
4. Explain the factors affecting dispersion of air pollutants

Unit III

1. With neat sketch explain the working principle of electrostatic precipitator.
2. Suggest an air pollution control plan for a cement industry and justify
3. Explain how gaseous pollutants are controlled using principle of adsorption and absorption.
4. How does a bag house filter work? What are the positives and negatives of filtration process?
5. Explain the process of selection of air pollution control equipment.

Unit IV

1. What are the preventive measures for air pollution? How do 'Town Planning' bring air pollution control? Explain.
2. Discuss environmental legislation regarding air pollution control.
3. Describe the step by step procedure of Environmental Impact Assessment.
4. Explain how the air quality monitoring is carried out.

Unit V

1. Explain the effects and assessment of Noise Pollution and list the standards
2. What is noise rating system? What is its importance?
3. Explain the methods to control noise pollution in industrial area
4. Describe the sources of Noise Pollution.