

GE6351 - ENVIRONMENTAL SCIENCE AND ENGINEERING

QUESTION BANK

UNIT-2 ENVIRONMENTAL POLLUTION

2 MARKS

1. Define pollution
2. What are pollutants?
3. Differentiate between primary air pollutants and secondary air pollutants
4. Differentiate between Ambient and Household pollution
5. What is the chemical composition of atmospheric air?
6. What are the causes of air pollution?
7. Define acid rain
8. Define PAN.
9. What is meant by “ozone layer depletion”?
10. List out the ozone depleting chemicals
11. Mention the chemical parameters of water quality.
12. Define BOD and COD.
13. What is meant by eutrophication?
14. List out the sources of marine pollution
15. What are the sources of thermal pollution?
16. Name the sources of soil pollution.
17. How will you control soil erosion?
18. Give any four methods to control noise pollution.
19. How nuclear hazards can be disposed safely?
20. Explain the term “global warming”
21. What are the sources of solid waste?
22. Define Greenhouse effect.
23. Define radioactive pollution.
24. Why radioactive wastes disposed in ocean?

16 MARKS

1. What are the sources and effects of CO₂, CO, NO₂, SO₂, HC.
2. Describe the various chemical and photochemical reactions in the atmosphere.
3. Describe the use of cyclone separator and electrostatic precipitators in the control of air pollution
4. Enumerate the causes, effects and control measures of Air pollution.
5. Brief about (i) Acid rain (ii) Ozone layer depletion
6. Discuss the water quality parameters of drinking water.
7. Write informative notes on water treatment process.
8. What are the sources, effects & control measures of water pollution?
9. Explain the sources and control measures of soil pollution?
10. Explain in detail the Solid waste management techniques.
11. Explain the causes, effects & control measures of noise pollution.
12. Explain the causes, effects & control measures of marine pollution.
13. Discuss the causes, effects & control measures of thermal pollution?
14. Discuss the causes, effects & control measures of nuclear hazards?
15. Explain any two case studies on nuclear pollution.
16. List out the role of an individual in preventing pollution.