

- a) Automobile exhaust
 - b) Forest fire
 - c) Bacteria action in soil
 - d) None of these
- Q.6 Which of the following fine dust removal equipments is most efficient?
- a) Bag filters
 - b) Scrubber
 - c) Electrostatic Precipitator
 - d) Cyclone separator
- Q.7 Global warming is mostly caused by the mission of
- a) Sulphur dioxide b) Carbon dioxide
 - c) Carbon monoxide d) None of these
- Q.8 Turbidity of water is an indication of the presence of
- a) Suspended inorganic matter
 - b) Dissolved solids
 - c) Floating solids
 - d) Dissolved gases
- Q.9 Which of the following terms describe addition of water to the atmosphere by plants?
- a) Transpiration b) Evaporation
 - c) Infiltration d) Condensation
- Q.10 Incineration of waste is a process of
- a) Air pollution
 - b) Solid waste pollution
 - c) Water pollution
 - d) Noise pollution

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Write two sources of air pollution.
- Q.12 Write the full form of TOC.
- Q.13 What are the major components for Air pollution?
- Q.14 Define fog.
- Q.15 Define desulphurization.
- Q.16 Expand COD.
- Q.17 Define dumping.
- Q.18 Write the unit of water hardness.
- Q.19 Write the full form of ESP.
- Q.20 Write any two method of secondary treatment of water pollution.

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Explain the term solid wastes in detail.
- Q.22 Differentiate between permanent hardness and Temporary hardness.
- Q.23 Discuss about adsorption operation in detail.
- Q.24 Explain in brief about the removal of suspended solids by membrane process.
- Q.25 Discuss the utility of incineration.
- Q.26 Discuss about Grab sampling.
- Q.27 Explain the process of desulphurization of fuel gases