

DPP

DAILY PRACTICE PROBLEMS

Class : XIth

Date :

Subject : CHEMISTRY

DPP No. : 3

Topic :- Environmental Chemistry

- Identify the correct decreasing order of the following with respect to altitude from atmosphere.
 - Troposphere
 - Mesosphere
 - Thermosphere

a) II, III, I b) III, II, I c) I, II, III d) I, III, II
- Which is not a green house gas?

a) CO₂ b) CH₄ c) N₂O d) Chlorofluorocarbons
- Which of the following metals is not a pollutant?

a) Mercury b) Arsenic c) Lead d) Aluminium
- Smog is:

a) Nothing but black smoke
b) A combination of smoke and fog
c) A liquid particle resulting from vapour condensation
d) A solid particle, e.g., flyash
- Ozone hole refers to

a) Hole in ozone layers
b) Reduction in thickness of ozone layer in stratosphere
c) Reduction in thickness of ozone in troposphere
d) Increase concentration of ozone
- Which of the following is a biodegradable pollutant?

a) Plastic b) Sewage c) Asbestos d) Mercury
- Which of the following is a man-made source of air pollution?

a) Automobile exhaust
b) Forest fire
c) Bacterial action in soil and swamp areas
d) All of the above
- Which of the following is secondary pollutant?

a) CO₂ b) N₂O c) PAN d) SO₂
- The basic component of the smog is

a) PAN b) PBN c) NO₂ d) All of these
- Highly toxic gas which causes headache, visual difficulty, paralysis and even death is:

a) CO₂ b) O₃ c) CO d) All of these
- The main source by which Taj Mahal may be destroyed is

a) Flood in Yamuna b) Flue gases from Mathura refinery
c) Excessive use of natural gas d) All of the above
- Which of the following gases cause pollution when present in the exhaust fumes of vehicles?

a) CO₂ b) CO c) Water vapours d) C₂H₆
- Main source of lead pollution is from:



- a) Sewage b) Leaded gasoline c) Tobacco d) Insecticides
14. Main pollutants released from petroleum refineries are
a) CO, SO₂ and H₂S b) CO₂, NO and SO₃ c) CO₂, H₂S and NO₂ d) SO₃, NO₂ and CO₂
15. Particulate matter with size less than micron that remain suspended in air indefinitely and transported by wind currents are called:
a) Fumes b) Mist c) Aerosols d) Soot
16. The depletion of ozone layer in the stratosphere would lead to:
a) Increased human cataracts and skin cancer
b) Reduction of planktons in ocean water
c) Depletion of plants and crops
d) All of the above
17. The following do/does not cause water pollution:
a) Heavy metals such as Cd, Pb, Hg
b) Detergents
c) Polychlorobiphenyls
d) Freons
18. Aerobic oxidation is caused by:
a) Aerobic bacterias in presence of excess of oxygen
b) Anaerobic bacterias in presence of insufficient oxygen
c) Aerobic bacterias in the absence of oxygen
d) Both anaerobic and aerobic bacterias in any condition
19. UV radiation from sun causes a reaction that produces
a) Carbon monoxide b) Sulphur dioxide c) Fluorides d) Ozone
20. Ozone depletion in the stratosphere is mainly caused by:
a) SO₂ b) NO₂ c) NO d) chlorofluorocarbons