

# Multiple Choice Questions On Environmental Issues

*1. Examples of toxins that biologically magnify or accumulate in organisms are:*

- (a) Heavy metals and carbon dioxide
- (b) Mercury and DDT
- (c) Fat and CFC's
- (d) None of these

**Answer:** Mercury and DDT

*2. Smog is*

- (a) smoke
- (b) other name for dust storm
- (c) moistened air gases
- (d) smoke and fog

**Answer:** moistened air gases

*3. The most dangerous metal pollutant of automobile exhaust is*

- (a) cadmium
- (b) silver
- (c) lead
- (d) manganese

**Answer:** lead

*4. Which one of the following is a greenhouse gas?*

- (a) carbon dioxide
- (b) carbon monoxide
- (c) ozone
- (d) oxygen

**Answer:** carbon dioxide

*5. Smog produces*

- (a) O<sub>3</sub>
- (b) NO<sub>2</sub>
- (c) CH<sub>4</sub>
- (d) Aluminium Ion

**Answer:** Aluminium Ion

6. Depletion of ozone layer is due to oxide of

- (a) carbon
- (b) phosphorus
- (c) nitrogen
- (d) none

**Answer:** nitrogen

7. Formation of ozone is maximum over

- (a) Antarctica
- (b) Africa
- (c) Europe
- (d) India

**Answer:** Europe

8. Oxidation Ponds involve

- (a) chemical removal of pollutants
- (b) mechanical screening of pollutants
- (c) biological reduction of organic matter
- (d) none of the above

**Answer:** biological reduction of organic matter

9. Natural sink of stratospheric ozone layer is

- (a) SO<sub>2</sub>
- (b) HCF
- (c) Freons
- (d) Sulphur flux of oceans

**Answer:** HCF

10. Water pollution is mainly caused by

- (a) decay of bodies of aquatic animals
- (b) industrial effluents
- (c) excessive rain
- (d) growth of phytoplankton

**Answer:** growth of phytoplankton

11. Which of the following is usually not classified as atmospheric pollutant?

- (a) CO<sub>2</sub>
- (b) CO

(c) NO<sub>x</sub>

(d) SO<sub>2</sub>

**Answer:** NO<sub>x</sub>

*12. The sound above what level is considered as harmful?*

(a) above 40 db

(b) above 60 db

(c) above 80 db

(d) above 120 db

**Answer:** above 80 db

*13. Which of the following is a secondary air pollutant?*

(a) SO<sub>2</sub>

(b) NO<sub>2</sub>

(c) PAN

(d) Aerosol

**Answer:** PAN

*14. Peeling of ozone umbrella, which protects us from UV rays, is caused by*

(a) CFC's

(b) coal burning

(c) CO<sub>2</sub>

(d) PAN

**Answer:** CFC's

*15. Greenhouse effect is caused by*

(a) CO<sub>2</sub> only

(b) CH<sub>4</sub>, SO<sub>2</sub>, NO<sub>2</sub>

(c) Those gases which absorb the infra red light reflecting from earth

(d) None of the above

**Answer:** Those gases which absorb the infra red light reflecting from earth

*16. The result of ozone hole is*

(a) acid rain

(b) global warming

(c) the UV radiations reach the earth

(d) greenhouse effect

**Answer:** global warming

17. 'Ozone hole' means

- (a) increase in the concentration of ozone
- (b) decrease in the concentration of ozone
- (c) same concentration of ozone
- (d) hole in the stratosphere

**Answer:** decrease in the concentration of ozone

18. DDT is a

- (a) Non-pollutant
- (b) Non-biodegradable pollutant
- (c) Biodegradable pollutant
- (d) None

**Answer:** Non-biodegradable pollutant

19. Which of the following gases contribute to the global warming?

- (a) carbon monoxide
- (b) sulphur dioxide
- (c) carbon dioxide
- (d) nitrogen dioxide

**Answer:** carbon dioxide

20. Common indicator organism of water pollution is

- (a) Entamoeba histolytica
- (b) Lemna
- (c) Eichhornia
- (d) Escherichia coli

**Answer:** Escherichia coli

21. Maximum air pollution is caused by

- (a) smoke
- (b) insecticide
- (c) industry
- (d) automobile exhaust

**Answer:** automobile exhaust

22. Bhopal gas tragedy of 1984 was caused by the leakage of

- (a) methyl isocyanate
- (b) 2-4 dichlorophenoxyacetic acid

- (c) ammonia
- (d) hydrogen cyanide

**Answer:** methyl isocyanate

*23. Insecticides usually act upon*

- (a) muscular system
- (b) digestive system
- (c) nervous system
- (d) circulatory system

**Answer:** nervous system

*24. Black lung disease is common in*

- (a) farmers
- (b) workers of petrochemical industry
- (c) coal miners
- (d) refinery workers

**Answer:** coal miners

*25. An indicator species of polluted water is*

- (a) Tubifex
- (b) phytoplankton
- (c) zooplankton
- (d) prawn

**Answer:** Tubifex

*26. Eutrophication is often seen in*

- (a) deserts
- (b) freshwater lakes
- (c) oceans
- (d) mountains

**Answer:** freshwater lakes

*27. Secondary sewage treatment is mainly a*

- (a) physical process
- (b) mechanical process
- (c) chemical process
- (d) biological process

**Answer:** biological process

28. 'Good Ozone' is found in

- (a) mesosphere
- (b) troposphere
- (c) stratosphere
- (d) ionosphere

**Answer:** stratosphere

29. Chipko movement was first led by

- (a) Sunderlal Bahuguna
- (b) Rajiv Gandhi
- (c) Ramdev Mishra
- (d) Indira Gandhi

**Answer:** Sunderlal Bahuguna

30. Green muffler is used against which type of pollution?

- (a) air
- (b) soil
- (c) water
- (d) noise

**Answer:** noise

31. UV radiations cause

- (a) formation of thymine dimers
- (b) deletion of base pairs
- (c) methylation of bases
- (d) addition of base pairs

**Answer:** formation of thymine dimers

32. Which is a non biodegradable pollutant?

- (a) Savage
- (b) Sulphur Dioxide
- (c) Oxides of Nitrogen
- (d) Lead vapour

**Answer:** Lead vapour

33. Carbon dioxide is called as greenhouse gas because

- (a) it is involved in photosynthesis
- (b) it emits light

- (c) it traps infrared radiation
- (d) none

**Answer:** it traps infrared radiation

*34. Some effects of SO<sub>2</sub> and its transformation products on plants include*

- (a) chlorophyll destruction
- (b) plasmolysis
- (c) Golgi body destructions
- (d) none

**Answer:** chlorophyll destruction

*35. Lichens are important in the studies on atmospheric pollution because they*

- (a) can also grow in greatly polluted atmosphere
- (b) can readily multiply in polluted atmosphere
- (c) efficiently purify the atmosphere
- (d) are sensitive to pollutants

**Answer:** are sensitive to pollutants

*36. If water pollution continuous at its present rate, it will eventually*

- (a) stop water cycle
- (b) prevent precipitation
- (c) make oxygen molecules unavailable to water plants
- (d) make nitrogen molecules unavailable to water plants

**Answer:** make oxygen molecules unavailable to water plants

*37. All the following contribute to pollution except*

- (a) thermal power plant
- (b) automobiles
- (c) nuclear power plant
- (d) hydroelectric power plant

**Answer:** hydroelectric power plant

*38. The molecular action of ultraviolet light is mainly reflected through*

- (a) destruction of hydrogen bonds in DNA
- (b) photo dynamic action
- (c) formation of pyrimidine
- (d) formation of sticky metaphase

**Answer:** destruction of hydrogen bonds in DNA

*39. Thermal pollution of water bodies is due to discharge of*

- (a) chemicals from industries
- (b) heat from power plants
- (c) agricultural run-off water
- (d) wastes from mining

**Answer:** heat from power plants

*40. Biologists celebrate 5th June as*

- (a) Darwin's birthday
- (b) World Hygiene Day
- (c) World Environment Day
- (d) World Population Day

**Answer:** World Environment Day

*41. The main gases responsible for the Greenhouse Effect are:*

- (a) water and ozone
- (b) oxygen and nitrous oxide
- (c) carbon dioxide and methane
- (d) None of these

**Answer:** water and ozone

*42. According to the United Nations, the main cause of climate change / global warming is the result of:*

- (a) water pollution
- (b) factory and car emissions
- (c) sewage
- (d) None of these

**Answer:** factory and car emissions

*43. It is believed that the thinning of the ozone layer is the result of chlorofluorocarbons. These gases have been used in:*

- (a) electric heaters and clothes driers
- (b) spray cans and refrigerators
- (c) cigarette lighters and air-conditioners
- (d) None of these

**Answer:** spray cans and refrigerators

*44. The main gases that produce acid rain are:*

- (a) sulphur dioxide and nitrogen oxides

- (b) ozone and oxygen gas
- (c) chlorofluorocarbons
- (d) None of these

**Answer:** sulphur dioxide and nitrogen oxides

*45. The release of excessive amounts of harmful substances such as car and factory fumes and tyre rubber into the atmosphere is called:*

- (a) noise pollution
- (b) mutagenic pollution
- (c) air pollution
- (d) None of these

**Answer:** air pollution

*46. To reduce pollution from cars, the Australian government has legislated that all new cars must use:*

- (a) unleaded petrol
- (b) diesel fuel
- (c) leaded petrol
- (d) None of these

**Answer:** unleaded petrol

*47. When phosphate-containing wastes from detergents and fertilisers reach our waterways, water plants grow excessively extracting oxygen from the water causing fish to suffocate. This process is called:*

- (a) phosphatisation
- (b) sewage recycling
- (c) eutrophication
- (d) None of these

**Answer:** eutrophication

*48. Substances that are easily broken down into harmless substances by decomposers are termed:*

- (a) environmentally unfriendly
- (b) biodegradable
- (c) non-biodegradable
- (d) None of these

**Answer:** biodegradable

*49. An example of a species that was introduced to Australia with harmful results is the:*

- (a) cactoblastis moth
- (b) cane toad

- (c) potato
- (d) None of these

**Answer:** cane toad

*50. Which of the following is not produced as exhaust of vehicles?*

- (a) sulphur dioxide
- (b) carbon dioxide
- (c) carbon monoxide
- (d) fly ash

**Answer:** carbon monoxide

*51. Spraying of DDT on crops produces pollution of*

- (a) soil and water only
- (b) air and soil only
- (c) air, soil and water
- (d) air and water only

**Answer:** soil and water only

*52. Which of the following will not cause any atmospheric pollution?*

- (a) Hydrogen
- (b) Sulphur Dioxide
- (c) Carbon dioxide
- (d) Carbon monoxide

**Answer:** Hydrogen

*53. Sewage water can be purified for recycling with the action of*

- (a) aquatic plants
- (b) penicillin
- (c) microorganisms
- (d) fishes

**Answer:** microorganisms

*54. Today, concentration of greenhouse gases is high because of*

- (a) use of refrigerator
- (b) increased combustion of oil and coal
- (c) deforestation
- (d) all of the above

**Answer:** all of the above

55. Photochemical smog is related to the pollution of

- (a) soil
- (b) water
- (c) noise
- (d) air

**Answer:** air

56. Most important causative pollutant of soil maybe

- (a) plastics
- (b) iron junks
- (c) detergents
- (d) glass junks

**Answer:** plastics

57. Taj Mahal is threatened due to the effect of

- (a) chlorine
- (b) sulphur dioxide
- (c) oxygen
- (d) hydrogen

**Answer:** chlorine

58. When huge amount of sewage is dumped into a river the BOD will

- (a) increase
- (b) remain unchanged
- (c) slightly decrease
- (d) decrease

**Answer:** slightly decrease

59. Which is a fungicide?

- (a) 2,4-D
- (b) DDT
- (c) Bordeaux mixture
- (d) BHC

**Answer:** Bordeaux mixture

60. Instead of using pesticides to eradicate pests, another method using the pest's natural predators or parasites to control its numbers is frequently used. This environmentally friendly method is termed:

- (a) biological control

- (b) predator release
- (c) insecticide management
- (d) None of these

**Answer:** biological control

LiveMCQs.com