

Q1 JEE Main 2020 - 2 September (Morning)

The statement that is not true about ozone is

- (A) In the stratosphere, CFCs release chlorine free radicals (Cl) which reacts with O_3 to give chlorine dioxide radicals
- (B) It is a toxic gas and its reaction with NO gives NO_2
- (C) In the atmosphere, it is depleted by CFCs
- (D) In the stratosphere, it forms a protective shield against UV radiation

Q2 JEE Main 2020 - 3 September (Morning)

Thermal power plants can lead to

- (A) Eutrophication
- (B) Ozone layer depletion
- (C) Blue baby syndrome
- (D) Acid rain

Q3 JEE Main 2020 - 3 September (Evening)

The incorrect statement(s) among (a) - (d) regarding acid rain is (are)

- (a) It can corrode water pipes.
- (b) It can damage structures made up of stone.
- (c) It cannot cause respiratory ailments in animals.
- (d) It is not harmful for trees

- (A) (a), (c) and (d)
- (B) (a), (b) and (d)
- (C) (c) and (d)
- (D) (c) only

Q4 JEE Main 2020 - 5 September (Morning)

The condition that indicates a polluted environment is

- (A) 0.03% of CO_2 in the atmosphere
- (B) pH of rain water to be 5.6
- (C) eutrophication

(D) BOD value of 5 ppm

Q5 JEE Main 2020 - 6 September (Morning)

The presence of soluble fluoride ion upto 1 ppm concentration in drinking water, is

- (A) safe for teeth
- (B) harmful to skin
- (C) harmful for teeth
- (D) harmful to bones

Q6 JEE Main 2020 - 9 January (Evening)

Biochemical Oxygen Demand (*BOD*) is the amount of oxygen required (in *ppm*):

- (A) For the photochemical breakdown of waste present in 1m^3 volume of a water body.
- (B) for sustaining life in a water body.
- (C) by bacteria to break-down organic waste in a certain volume of a water sample.
- (D) by anaerobic bacteria to breakdown inorganic waste present in a water body.

Answer Key

Q1 (A)

Q2 (D)

Q3 (C)

Q4 (C)

Q5 (A)

Q6 (C)