

ENVIRONMENTAL CHEMISTRY

1. Among the gases (a) - (e), the gases that cause greenhouse effect are :

(a) CO_2 (b) H_2O (c) CFCs

(d) O_2 (e) O_3

(1) (a), (b), (c) and (d)

(2) (a), (c), (d) and (e)

(3) (a) and (d)

(4) (a), (b), (c) and (e)

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

(1) by anaerobic bacteria to breakdown inorganic waste present in a water body.

(2) for the photochemical breakdown of waste present in 1 m^3 volume of a water body.

(3) by bacteria to break-down organic waste in a certain volume of a water sample.

(4) for sustaining life in a water body.

SOLUTION

1. NTA Ans. (4)

Sol. CO_2 , H_2O , CFCs and O_3 are green house gases.

2. NTA Ans. (3)

Sol. Biochemical oxygen demand (BOD) is amount of oxygen required by bacteria to break down organic waste in a certain volume of water sample.