

HOTS (Higher Order Thinking Skills)

Q.1. Why are trees planted alongside the roads?

Ans. Trees absorb the noise of the vehicles on roads and reduce noise pollution. Therefore, trees are planted alongside the roads.

Q.2. Why are forests called 'green lungs'?

Ans. As forests are covered with green trees and bushes which maintain the balance of oxygen and carbon dioxide in the atmosphere, they are called 'green lungs'.

Q.3. Why is energy lost at every step of a food chain?

Ans. Energy is lost at each link of the food chain due to **(i)** food that cannot be digested and is passed out of the organism and **(ii)** energy that is used up by the organism for carrying out its activities.