

Biology - 12th Class Biology Chapter 26 Short Questions Preparation

Q1. What are planktons? Give their two types.

Ans 1: Planktons are drifting or free living organisms which are mainly microscopic. These are of two types

Ans 2: i Zooplanktons
ii Phytoplanktons

Q2. How the productivity of an aquatic ecosystem can be determined?

Ans 1: The productivity of an aquatic ecosystem is basically determined by the light and nutrients. Light intensity and quality varies with depth so the primary productivity also varies with light.

Q3. What is eutrophication? Write its effect on animal life.

Ans 1: This is the natural process of extensive enrichment of water nutrients by which large amount of living organic matter grows in the lake. Eutrophication causes deficiency of oxygen so that animal life is killed.

Q4. What are graminoids, in which biome they exist?

Ans 1: Graminoids are grasses or grass like plants which are present in grass land ecosystem.

Q5. What is composition of air in terrestrial ecosystem?

Ans 1: In terrestrial ecosystem air is in constant motion, so its composition is more uniform. The amount of O₂ and CO₂ in air is much more constant and most beneficial for terrestrial ecosystem.

Q6. Write down the types of living organisms found in limnetic zone.

Ans 1: Living organisms of limnetic zone are Cyanobacteria, protozoa, small crustaceans and fishes.

Q7. Differentiate between altitude and latitude.

Ans 1: **Altitude:** means height from sea level toward high mountains the altitude increases. The absolute height of a location usually measured from sea level.

Ans 2: **Latitude:** means the distance from equator towards poles as we go away from equator towards poles latitude increases.

Q8. Compare phytoplanktons with zooplanktons.

Ans 1: **Phytoplanktons:** are called drifting plants, it includes photosynthetic protists, bacteria and algae.

Ans 2: **Zooplanktons:** are called drifting animals such as tiny protozoa and crustaceans.

Q9. Give the location of desert biomes. Write the name of desert in western and southern Punjab.

Ans 1: This is located in western Punjab while Cholistan is located in Southern Punjab.

Q10. What is layering in grassland?

Ans 1: Due to difference in height of grasses layering is formed. It is characteristic of grass land ecosystem. Three layers are formed. Tall grasses form first layer, mid high grasses form second layer and third is formed by short grasses.
