

## Biology - 12th Class Biology Chapter 26 Short Questions Preparation

Q1. What are kinds of coniferous forests and where they located?

**Ans 1:** In Pakistan coniferous forests are located at Upper Kaghan, Dir, Chilas, Malam Jabba and in swat valley.

Q2. 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.

Q3. Define Desertification.

**Ans 1:** Conversion of cultivated or fertile soil into barren land or into desert form is called desertification.

Q4. Give types of organism present in profundal zone.

**Ans 1:** Organisms of profundal zone are as follows:

**Ans 2:** Decomposers and detritus feeders, such as snails and certain insect larvae, bacteria, fungi and fishes.

Q5. Give two adaptations for terrestrial ecosystem

**Ans 1:** Adaptation to land habitat are

**Ans 2:** i) Evolution or formation of supporting tissues.  
ii) Conservation of water.

Q6. Differentiate between limnetic zone and profundal zone.

**Ans 1: Limnetic zone:** In this zone adequate or enough light penetrates to support photosynthesis. In this zone mainly cyanobacteria, protozoa, small crustaceans and fishes are present.

**Ans 2: Profundal zone:** In this zone light is insufficient to support photosynthesis. This area is mainly nourished by detritus that fall from littoral and limnetic zone. Here mostly decomposers and detritivores like snail, certain insect larvae, bacteria, fungi and fish inhabit.

Q7. Define hydrospheric ecosystem.

**Ans 1:** An ecosystem present in water where living and non living components exchange their material and transfer of energy also

takes place within water.

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Q8. Name two factors which influence life on land.

**Ans 1:** Two factors which can influence life on land are

**Ans 2:** i) Temperature  
ii) Air

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Q9. Describe animal life in profundal zone

**Ans 1:** Decomposers and detritus feeders such as snails and certain insect larvae, bacteria, fungi and fishes inhabit it.

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Q10. Characterize profundal zone of fresh water lakes.

**Ans 1:** Here light is insufficient to support photosynthesis. This area is mainly nourished by detritus. Decomposers and detritus feeders such as snails and certain insect larvae, bacteria, fungi and fishes inhabit it.

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