

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

Q1. Differentiate between alpine and boreal forests.

**Ans 1: Forests:** Coniferous forests located at high altitude are called alpine forests.

**Ans 2: Boreal Forests:** Coniferous forests located at high latitudes are called Boreal forests.

Q2. 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

Q3. What is the effect of human impacts on desert ecosystem?

**Ans 1:** While human activities are reducing the extent of many biomes, they are causing the spread of deserts a process is called desertification. The loss of productivity of ecosystem is nearly irreversible and massive famines are result of human activities.

Q4. 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.

Q5. Describe the animal life of grass land ecosystem.

**Ans 1:** Animals of deserts are mostly nocturnal (they hide during day and come out during night) they do so to avoid too much heat and water loss. Desert animals include horned lizards, snake and other reptiles. Mammals include kangaroo, rats, Birds include burrowing owl.

Q6. What is algal bloom?

**Ans 1:** In nutrient rich aquatic ecosystem (lake) there is rich growth of algae on water surface, which prevent penetration of light at depth. This rich growth of algae is called algal blooms.

Q7. Name four common features to aquatic ecosystem.

**Ans 1:** Four features of aquatic ecosystem are

**Ans 2:** i) Temperature  
ii) Absorption of energy/light  
iii) Nutrients  
iv) Abundant water with suitable temperature.

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Q8. Write the rate of primary production of temperate and sub humid tropical grassland.

**Ans 1:** Productivity of temperate grass land is = 700-1500 g/m<sup>2</sup> and productivity of sub humid tropical grass land is 4000 g/m<sup>2</sup>.

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Q9. 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.

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Q10. Write soil conditions of Grassland Ecosystem.

**Ans 1:** The soil moisture is limited on account of low precipitation and high evaporation. Upper soil layer in which grasses are rooted is normally moist but deeper layers are constantly dry. The soil of grass land is basically impermeable with excessive salinity.

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