

Biology - 12th Class Biology Chapter 25 Short Questions Preparation

Q1. What are biotic components of an ecosystem?
Ans 1: Living components of ecosystem are called biotic components, this include producers, consumers and decomposers.
Q2. Differentiate between predation and parasitism.
Ans 1: Predation: Relation between prey and predator is called predation. prey is captured, killed and eaten by the predator.
Ans 2: Parasitism: The relation between parasite and host is called is parasitism. In parasitism the parasite is totally dependent on host, parasite get food, protection from he host and also harm its host.
Q3. Define Succession.Name its types.
Ans 1: Succession is a sequence of changes in the community structure of an ecosystem over a period of time. In each case succession is initiated by a few hardy invaders called pioneers ant ends with a diverse and relatively stable climax community.e.g succession start on a bare rock in known as xerosere.
Ans 2: i) Primary succession ii) Secondary succession.
Q4. Give the role of decomposers in an ecosystem.
Ans 1: Decomposers are the organisms which decompose the dead bodies are called decomposers; they recycle the nutrients and make them available for plant growth.
Q5. Name three levels of integration in community.
Ans 1: Three levels of community integration are
Ans 2: i Individual level ii Population level iii Community level
Q6. How community is different from population.

Ans 1: Community: When different populations living together in an area is called community.

Ans 2: Population: When members of same species live together at same place at same time is called population

Q7. How moderate grazing is helpful for ecosystem.

Ans 1: Moderate grazing is very helpful to maintain grass land ecosystem. It destroys the competitors and help the grasses to grow well. Over grazing may leads to desert.

Q8. What is symbiosis? Give one example.

Ans 1: This is a beneficial association between two organism, which brings benefit to both the organisms. For example relation between algae and fungi to form lichens. Algae make food and also give it to fungi while fungi give protection to algae in return.

Q9. Define lichens. Or What are lichens?

Ans 1: Lichens:It is the association between algae and fungi. Fungi give protection to algae from dessication while algae perform photosynthesis and provide nutrition to algae.

Q10. What is infestation?

Ans 1: Infection caused by the parasites is called infestation or mode of transmission of parasite into host is called infestation.