



Page No. 226:

Solution 1

Ecosystem.

Solution 2

Natural ecosystems - Grass land and forest. Artificial ecosystems - Parks and Gardens.

Solution 3

Aquarium.

Solution 4

Plants are called producers because green plants prepare their own food from simple inorganic substances like carbon dioxide and water by using sunlight energy in the presence of chlorophyll.

Solution 5

Decomposers.

Solution 6

Planktons are very minute or microscopic organisms freely floating on the surface of water in a pond, lake, river or ocean.

Solution 7

(a) False.

(b) True.

Solution 8

Producer.

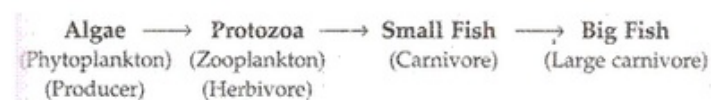
Solution 9

Goat and Rat (Both are herbivores).

Solution 10

Tree and Grass (Both are producers).

Solution 11



Solution 12

Second trophic level: Insects Fourth trophic level: Snakes

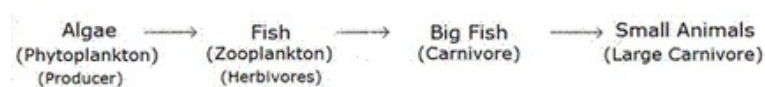
Solution 13

Trophic levels

Solution 14



Solution 15



Solution 16

Third Trophic level: Snakes.Fourth trophic level: Hawk.

Solution 17

Environment.

Solution 18

Energy.

Solution 19

- (a) Specific.
- (b) Producers.
- (c) Food Chain.
- (d) Ecology.
- (e) Non - biodegradable; Biodegradable.

Solution 20

(i) Producers are the organisms which can be prepare their own food from simple inorganic substances like carbon dioxide and water by using sunlight energy in the presence of chlorophyll.

Example - Green plants and certain blue-green algae.

(ii) Those organisms which consume food (eat food) prepared by producers are called consumers. Example - Lion and Tiger.

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