

Our Environment

Question 1.

Which of the following groups contain only non-biodegradable items?

- (a) Grass, flowers and leather
- (b) Grass, wood and plastic
- (c) Fruit-peels, cake and lime-juice
- (d) Cake, wood and grass

Question 2.

Which of the following constitute a food-chain?

- (a) Grass, wheat and mango
- (b) Grass, goat and human
- (c) Goat, cow and elephant
- (d) Grass, fish and goat

Question 3.

Which of the following are environment-friendly practices?

- (a) Carrying cloth-bags to put purchases in while shopping
- (b) Switching off unnecessary lights and fans
- (c) Walking to school instead of getting your mother to drop you on her scooter
- (d) All of the above

Question 4.

Ecosystem has two components:

- (a) plants and animals
- (b) weeds and trees
- (c) biotic and abiotic
- (d) birds and mammals

Question 5.

Biotic component includes:

- (a) producer, consumer and decomposer
- (b) consumers only
- (c) producers only
- (d) decomposers only.

Question 6.

What is the best arrangement of an energy system consisting of hawks, mice, grasses and snakes:

- (a) grass, hawks, mice, snakes
- (b) grass, mice, snakes, hawks
- (c) grass, snakes, mice, hawks
- (d) grass, mice, hawks, snakes

Question 7.

Biosphere includes:

- (a) hydrosphere only
- (b) atmosphere only
- (c) lithosphere only
- (d) all these

Question 8.

The primary source of energy in an ecosystem is:

- (a) chlorophyll
- (b) sunlight
- (c) ATP
- (d) leaves.

Question 9.

Which of the statement is incorrect?

- (a) All green plants and blue-green algae are producers
- (b) Green plants get their food from organic compounds
- (c) Producers prepare their own food from inorganic compounds
- (d) Plants convert solar energy into chemical energy.

Question 10.

Depletion of ozone layer is mainly due to:

- (a) Chlorofluorocarbon compounds
- (b) Pollution
- (c) Methane
- (d) Pesticides

Question 11.

In a food chain, the third trophic level is always occupied by:

- (a) Carnivores
- (b) Herbivores
- (c) Decomposers
- (d) Producers

Question 12.

What will happen if deer is missing in the food chain given below?

Grass → Deer Tiger

- (a) The population of tiger increases
- (b) The population of grass decreases
- (c) They will start eating grass
- (d) The population of tiger decreases and the population of grass increases.

Question 13.

The decomposers in an ecosystem:

- (a) Convert organic material into simpler forms
- (b) Convert organic materials into inorganic forms
- (c) Convert inorganic materials into organic compounds
- (d) Do not breakdown organic compounds.
- (b) Convert organic materials into inorganic forms

Question 14.

If a grasshopper is eaten by a frog, then the energy transfer will be from:

- (a) Producer to decomposer
- (b) Producer to primary consumer
- (c) Primary consumer to secondary consumer
- (d) Secondary consumer to primary consumer.

Question 15.

In natural ecosystem decomposers include:

- (a) Only microscopic animals
- (b) Only bacteria and fungi
- (c) Herbivores and carnivores
- (d) Both (a) and (b)