

Class 10 - Science
Chapter 15 Our Environment

Quiz - 2 (1- Mark Questions)

1. Which one of the following is an artificial ecosystem?

- (a) Pond
- (b) Crop Field
- (c) Lake
- (d) Forest

Ans – (b) Crop Field

2. In a food chain, the third trophic level is always occupied by?

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

Ans – (a) Carnivores

3. An Ecosystem includes

- (a) All living organisms
- (b) Non-living objects
- (c) Both living organisms and non-living objects
- (d) None of these

Ans – (c) Both living organisms and non-living objects

4. Depletion of ozone is mainly due to -

- (a) Chlorofluorocarbon compounds
- (b) Carbon monoxide
- (c) Methane
- (d) Pesticides

Ans – (a) Chlorofluorocarbon (CFC) compounds

5. Organisms of a higher trophic level which feed on several types of organisms belonging to a lower trophic level constitute the -

- (a) Food web
- (b) Ecological pyramid
- (c) Ecosystem
- (d) Food chain

Ans – (b) Ecological pyramid

6. Excessive exposure of humans to U V-rays results in –

- (i) Damage to immune system
- (ii) Damage to lungs
- (iii) Skin Cancer
- (iv) Peptic ulcers

- (a) (i) and (ii)
- (b) (ii) and (iv)
- (c) (i) and (iii)
- (d) (iii) and (iv)

Ans – (c) (i) and (iii)

7. Which 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

Ans – (b) Green plants get their food from organic compounds

8. The decomposers in an ecosystem-

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

Ans – (b) Convert organic material to inorganic forms

9. In natural ecosystems, decomposers include-

- (a) Only Bacteria and Fungi
- (b) Only microscopic animals
- (c) Herbivores and Carnivores
- (d) None of these

Ans – (a) Only Bacteria and Fungi

10. Which of the following groups contain only biodegradable items?

(can have more than one options)

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

Ans – (a), (c) and (d)