

Date: 14/02/2022

Time: 00:20 hrs

1. Which disease is caused by exposure to ultra violet radiation?
 - A. Diarrhea
 - B. Skin cancer
 - C. Malaria
 - D. Influenza

2. The major constituents of an ecosystem are ____ and ____.
 - A. plants and animals
 - B. sunlight and water
 - C. atmosphere and soil
 - D. abiotic and biotic components

3. Which of the following are the correct terms used for the group of organisms mentioned below?
 1. Grass, Fern, Moss
 2. Lion, Cow, Rat
 3. Bacteria, Fungi
 - A. 1- carnivores, 2-herbivores, 3- saprophytes
 - B. 1- herbivores, 2- decomposers, 3- parasites
 - C. 1- producers, 2- consumers, 3- decomposers
 - D. 1- decomposers, 2- producers, 3- consumers

4. A food web is formed by
- A.** interconnections of different ecosystems
 - B.** interconnections of different food chains
 - C.** interconnections of different species
 - D.** interconnections of nutrient cycles
5. Nowadays, the usage of bioplastics is promoted more than ordinary plastics because:
- A.** All bioplastics are biodegradable or compostable.
 - B.** Bioplastics break down under the influence of natural elements.
 - C.** Compostable products can be turned into compost within six months.
 - D.** All the above options are correct.
6. Which of the following is an example of man-made ecosystem?
- A.** Forest
 - B.** Pond
 - C.** Desert
 - D.** Garden
7. In a particular food chain, if the energy produced by the autotrophs is 1000 Kcal, then the amount of energy which reaches fourth trophic level is:
- A.** 100 kcal
 - B.** 0.01 kcal
 - C.** 0.1 kcal
 - D.** 0.1 cal

8. Which of the following is a correct reason for the assertion that "pesticides are said to move up the food chain"?
- A.** Pesticides have a greater effect on larger animals than on insects.
 - B.** Top predators often accumulate the pesticides contained in the bodies of their prey.
 - C.** Birds and predatory mammals are not affected by pesticides.
 - D.** Pesticides kill insects and other target pests before they can absorb the poison.
9. The major cause for depletion of ozone layer in stratosphere can be attributed to:
- A.** Increase in the level of greenhouse gases
 - B.** Increased release of CFCs
 - C.** Decreased release of CFCs
 - D.** Increase in sulphur dioxide and carbon monoxide
10. Which of the following statement(s) is/are correct?
Statement 1: Biodegradable waste consist of plastic materials, metal scraps, aluminum cans and bottles, etc.
Statement 2: Plastic materials decomposes soon and eventually mixes or returns back to the soil.
- A.** Only Statement 1 is true.
 - B.** Only Statement 2 is true.
 - C.** Both Statement 1 and Statement 2 are true.
 - D.** Both Statement 1 and Statement 2 are false