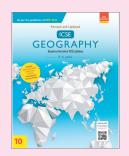
ICSE Geography

Class 10



Multiple-Choice Questions

Chapter 22 - Impact of Waste Accumulation

- 1. What factors have contributed to the increase in waste generation in recent years?
 - a. Decrease in population growth
 - b. Reduction in industrialization
 - c. Changing lifestyle, the rapid growth of population, and urbanization
 - d. Improved waste management practices

Answer: (c)

- 2. How can fluorides from polluted plants affect terrestrial animals?
 - a. Increase in milk production

b. Strengthening of teeth and bones

c. Decrease in milk production

d. Protection against acid concentrations

Answer: (c)

- 3. What is waste?
 - a. Material or substance that is no longer required and discarded
 - b. Material or substance that is in high demand and used frequently
 - c. Material or substance that is recycled and reused
 - d. Material or substance that is used for industrial purposes

Answer: (a)

- 4. Which of the following can cause a disease in which the green portion of leaves becomes yellow?
 - a. Inorganic fertilizers

b. Pesticides

c. Sulphur dioxide

d. Fluorides

Answer: (c)

- 5. What is the main cause of the spoilage of landscape?
 - a. Overpopulation

b. Improper waste management

c. Excessive industrialization

d. Lack of tourism

Answer: (b)

- 6. What is the main reason for the decrease in Dissolved Oxygen (DO) value in water bodies?
 - a. Presence of organic waste

b. Presence of toxic metals

c. Increase in temperature

d. Release of hot water from thermal power plants

Answer: (a)

- 7. What is the impact of animals rummaging through accumulated waste?
 - a. Improves the hygienic conditions

b. Reduces the beauty of the area

c. Enhances the natural beauty

d. Has no impact on the area

Answer: (b)

8. Match the following types of waste with their corresponding impact on water bodies: Column A Column B 1. Increase in water temperature A. Sewage waste B. Thermal pollution 2. Depletion of dissolved oxygen (DO) c. Oil spills 3. Growth of toxic algae D. Eutrophication 4. Contamination of water with oil a. A-2, B-1, C-4, D-3 b. A-4, B-2, C-3, D-1 c. A-1, B-4, C-3, D-2 d. A-3, B-1, C-2, D-4 Answer: (a) 9. What is the main cause of air pollution? a. Burning of plastic waste b. Excessive presence of carbon dioxide c. Industrial wastes d. Suspended particulate matter Answer: (c) 10. What are the major sources of water pollution? a. Discharge of domestic sewage and garbage b. Radioactive waste from nuclear power plants c. Animal manure and chemical fertilizers d. All of the above Answer: (d) 11. What is the impact of acid rain on aquatic life? a. Enhances the growth of aquatic plants b. Makes water suitable for plants and fishes c. Damages aquatic life d. Disrupts wildlife distribution Answer: (c) 12. Match the following impacts of waste on human health with their corresponding consequences: Column A Column B A. Exposure to toxic chemicals 1. Respiratory problems B. Contaminated food and water 2. Water-borne diseases c. Air pollution 3. Chronic health issues a. A-3, B-1, C-2 b. A-1, B-2, C-3 c. A-2, B-3, C-1 d. A-1, B-3, C-2 Answer: (b) 13. What are the consequences of using water polluted with toxic substances from industrial factories? a. Contamination of food chain b. Enhanced growth of aquatic plants c. Increased fertility of soil d. Reduced water consumption by humans Answer: (a) 14. Match the following impacts of waste on wildlife with their corresponding consequences: Column B Column A 1. Death of animals A. Ingestion of plastic waste **B.** Habitat destruction 2. Disruption of ecosystem balance c. Pollution of food and water sources3. Decline in wildlife population a. A-1, B-2, C-3 b. A-2, B-1, C-3 c. A-3, B-2, C-1 d. A-1, B-3, C-2

Answer: (a)

- **15.** What are the main sources of soil pollutants?
 - a. Air pollution

b. Industrial waste and agricultural practices

c. Rainwater runoff

d. Marine pollution

Answer: (b)

16. Match the following types of waste with their corresponding impact on soil:

Column A

Column B

- A. Plastic waste
- Soil pollution
- B. Inorganic fertilizers
- 2. Harm to soil organisms
- c. Pesticides
- 3. Soil erosion
- D. Industrial waste
- 4. Contamination of soil with toxic chemicals
- a. A-3, B-1, C-2, D-4

b. A-1, B-4, C-3, D-2

c. A-2, B-3, C-4, D-1

d. A-4, B-2, C-1, D-3

Answer: (d)

- 17. What are the health hazards associated with accumulated waste?
 - a. Increased risk of infectious diseases
- b. Respiratory infections and allergies

c. Liver and kidney damage

d. Occupational hazards for waste handlers

Answer: (a)

18. What are waterborne diseases?

- - a. Diseases caused by accumulated waste
- b. Diseases spread through contaminated water
- c. Diseases transmitted through soil pollution
- d. Diseases caused by airborne pollutants

Answer: (b)

- 19. What are some potential long-term health effects for workers handling accumulated waste?
 - a. Increased risk of chronic respiratory diseases
 - b. Development of skin conditions and infections
 - c. Potential for developing cancer from exposure to toxins in waste
 - d. All of the above

Answer: (d)

- 20. What is the main reason for the bioaccumulation of toxic chemicals in the tissues of aquatic animals and plants?
 - a. Dumping of waste from industries and nuclear power plants
 - **b.** Release of hot water from thermal power plants
 - c. Presence of plant nutrients from sewage and agricultural fields
 - d. Ingestion of non-biodegradable and fat-soluble pesticides

Answer: (d)