



# 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 practicesAnswer: (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 concentrationsAnswer: (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 purposesAnswer: (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. FluoridesAnswer: (c)
5. What is the main cause of the spoilage of landscape?
  - a. Overpopulation
  - b. Improper waste management
  - c. Excessive industrialization
  - d. Lack of tourismAnswer: (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 plantsAnswer: (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 areaAnswer: (b)

8. Match the following types of waste with their corresponding impact on water bodies:

*Column A*

*Column B*

- |                      |                                       |
|----------------------|---------------------------------------|
| A. Sewage waste      | 1. Increase in water temperature      |
| 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 A*

*Column B*

- |  |                                    |
|--|------------------------------------|
| A. Ingestion of plastic waste          | 1. Death of animals                |
| B. Habitat destruction                 | 2. Disruption of ecosystem balance |
| C. Pollution of food and water sources | 3. 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         | 1. 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)