

## Dealing with Wastes

### ORAL QUESTIONS

#### A. Answer these questions orally.

1. What is waste?
2. Give an example of a nontoxic waste.
3. Give an example of toxic waste.
4. Give an example of pathogenic waste.
5. Give an example of biodegradable waste.
6. Give an example of nonbiodegradable waste.
7. What does community waste include?
8. Give an example of agricultural waste.
9. Give an example of commercial waste.
10. What is the full form of CFC?

#### B. Unscramble the words to make meaningful words with the help of the clues given in bracket.

1. E B G R G A A \_\_\_\_\_

(Organic waste which gets decomposed in few days)

2. G C N O I M P S O T \_\_\_\_\_

(Conversion of plant and animal wastes into organic manure by the action of decomposers)

3. L L L A I N F D \_\_\_\_\_

(Selected land area of pits where solid waste is deposited)

4. I N O I L C I N T E A R \_\_\_\_\_

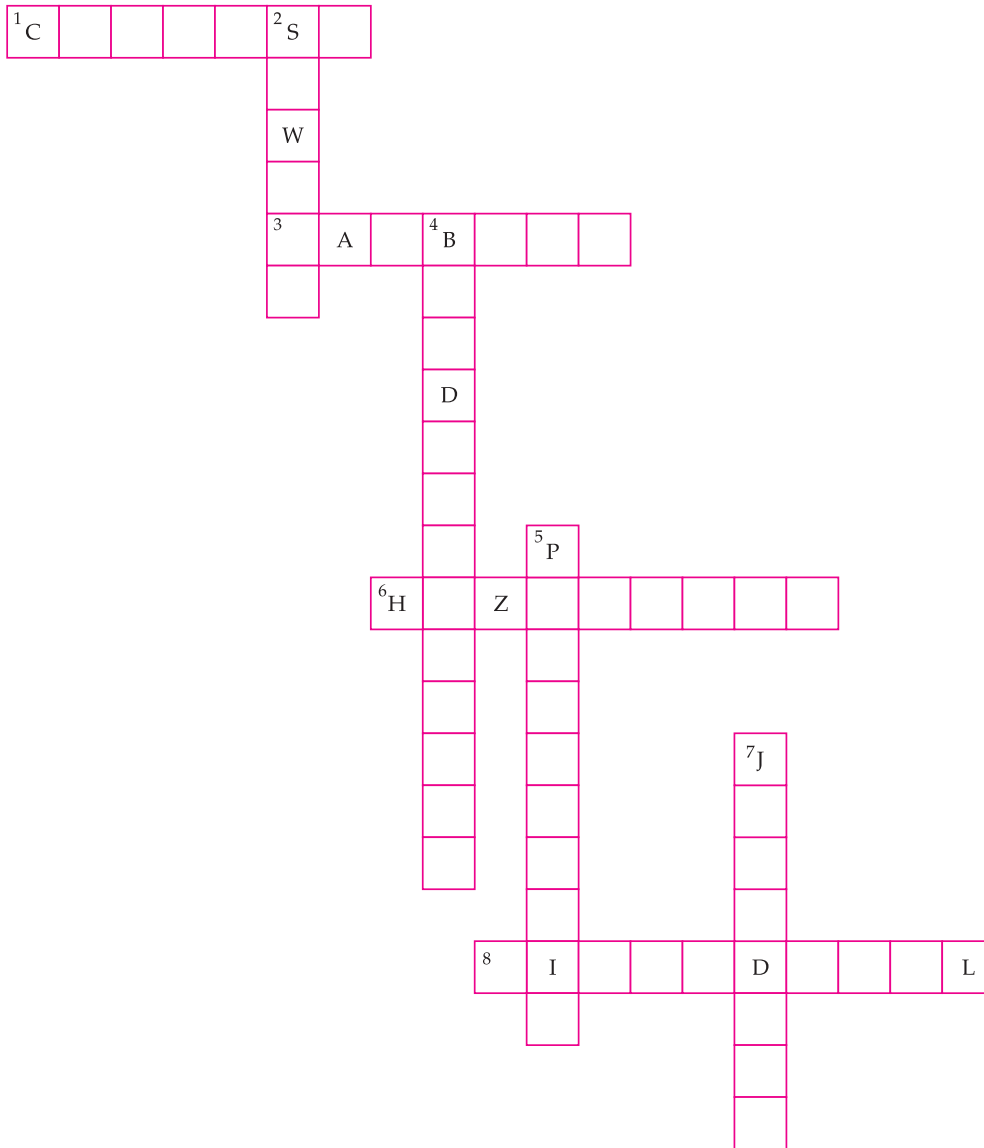
(process of burning of wastes under controlled conditions)

5. C N I O X N O T \_\_\_\_\_

(Waste which is harmless to human beings, plants, etc.)

## PUZZLE/QUIZ

**C. Complete the following word ladder with the help of the clues given.**



- ACROSS:**
1. An organic manure obtained by decomposition of kitchen refuse, plant and animal wastes (7)
  3. Organic part of waste (7)
  6. Waste that poses risk to life (9)
  8. Waste generated in the hospitals (10)
- DOWN:**
2. Domestic and industrial waste water (6)
  4. Substances that rot by the action of decomposers (13)
  5. Waste containing disease-causing microorganisms (10)
  7. A disease caused due to consuming contaminated water (8)

## CLASS TEST

### D. MCQ–Tick (✓) the correct option.

1. This is organic waste which gets decomposed in few days.
- |             |                          |                  |                          |
|-------------|--------------------------|------------------|--------------------------|
| (a) Compost | <input type="checkbox"/> | (b) Vermicompost | <input type="checkbox"/> |
| (c) Garbage | <input type="checkbox"/> | (d) Sewage       | <input type="checkbox"/> |
2. Biodegradable waste includes
- |          |                          |                   |                          |
|----------|--------------------------|-------------------|--------------------------|
| (a) Lead | <input type="checkbox"/> | (b) Mercury       | <input type="checkbox"/> |
| (c) Tin  | <input type="checkbox"/> | (d) Rotten fruits | <input type="checkbox"/> |
3. Nonbiodegradable waste includes
- |                    |                          |                         |                          |
|--------------------|--------------------------|-------------------------|--------------------------|
| (a) Dead plants    | <input type="checkbox"/> | (b) Metallic compounds  | <input type="checkbox"/> |
| (c) Animal excreta | <input type="checkbox"/> | (d) Peels of vegetables | <input type="checkbox"/> |

### E. Very short answer questions.

1. How can wastes be classified on the basis of impact on human health?

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2. How can wastes be classified on the basis of their physical states?

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3. What are domestic and community wastes collectively called?

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4. Why is solid waste called the municipal solid waste?

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5. What is e-waste?

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6. What is the full form of the following.

(a) CNG \_\_\_\_\_

(b) NGO \_\_\_\_\_

(c) WMC \_\_\_\_\_

7. What do the three R's stand for?

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**F. Short answer questions.**

1. List the differences between Biodegradable and Nonbiodegradable wastes.

BIODEGRADABLE WASTE	NONBIODEGRADABLE WASTE

2. What are the different ways in which wastes can be classified?

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3. What do you understand by sewage sludge?

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4. What are the harmful effects of generation of too much of carbon dioxide gas in air?

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5. What do you think is the cause of increase in waste production and problem of environmental pollution?

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**G. Long answer questions.**

1. What does community waste include?

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2. How can you classify waste as solid, liquid and gaseous waste?

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3. 'Accumulation of waste is hazardous for the environment as well as for the public health.' Justify this statement.

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4. 'Plastic bags in the garbage are responsible for the death of stray animals, especially cattle?' Justify this statement.

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5. What are the various methods by which composting can be done? Explain.

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6. How can each one of us play an important role in reducing the waste as well as in the proper management of waste?

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7. Describe the role of municipal corporation for proper management of waste.

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8. Enumerate the role of the government for proper management of waste.

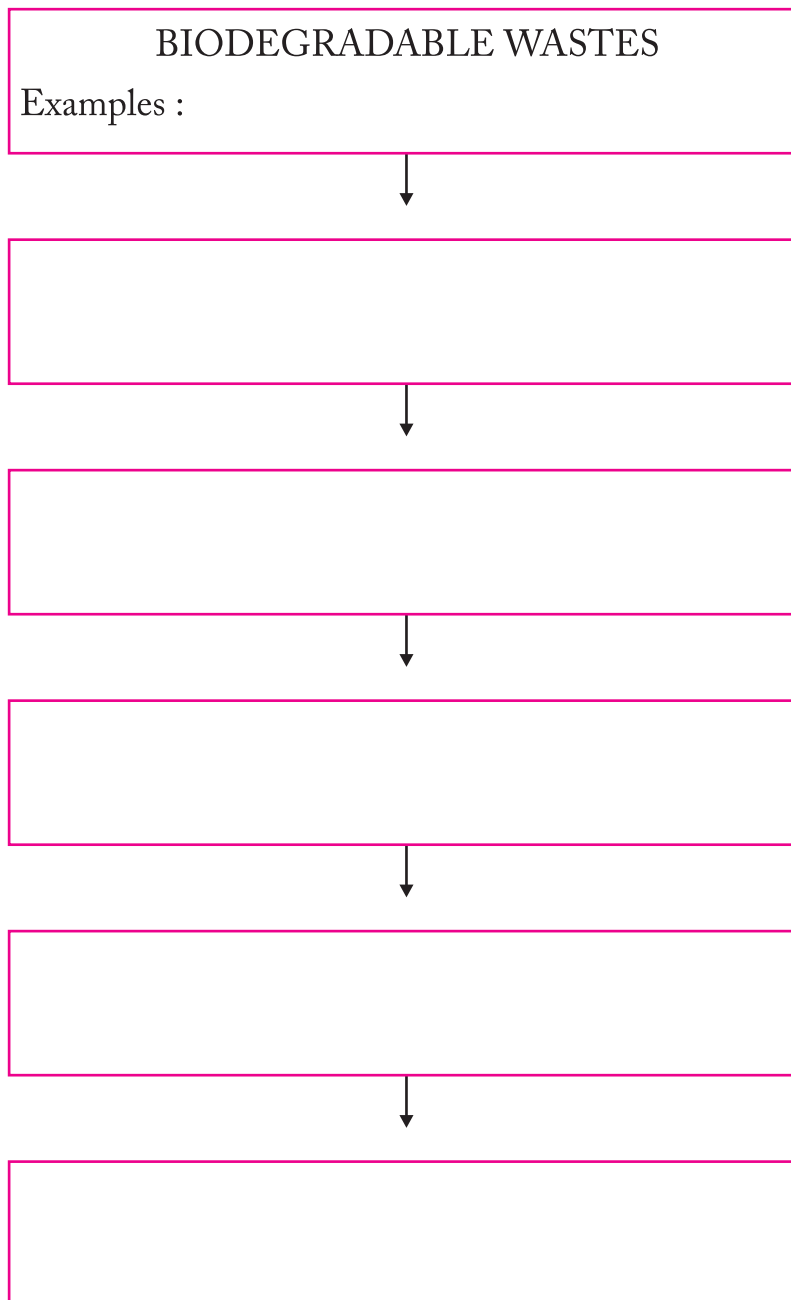
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9. Write the steps involved in the recycling of biodegradable waste.



## HOME ASSIGNMENT

### **H. Think and answer.**

1. In major cities, municipal corporation provides separate garbage bins. Why?

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2. Simran has the habit of throwing plastic bags carelessly on the road. Rohit stops her from doing so. Why?

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## WORKSHEET

### **I. Give reasons for the following.**

1. Dry leaves should not be burnt.

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2. Excessive use of CFC's is harmful.

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3. We should keep separate bins for the segregation of biodegradable waste and nonbiodegradable waste.

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4. Landfills should be away from human habitation.

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