



**DELHI PUBLIC SCHOOL NEWTOWN**  
**SESSION 2024-25**  
**MONDAY TEST**

**CLASS: IX**  
**SUBJECT: ENVIRONMENTAL APPLICATIONS**

**FULL MARKS: 40**  
**DATE: 18/11/2024**

**General Instructions:**

- All questions are compulsory.
- This paper has 2 printed pages.
- Answers should be to the point.

**SECTION A (20 Marks)**

**Question 1**

**Choose the correct option from the following:**

**[1]**

**(i) Plastics are difficult to recycle because**

- (a) It is very hard**
- (b) It comes in different sizes**
- (c) It is adhesive**
- (d) It contains different types of polymer resins**

**(ii) Which of the following is called the Municipal Solid Waste (MSW)?**

**[1]**

- (a) Food wastes**
- (b) Wood pieces**
- (c) Plastic cans**
- (d) Asbestos**

**(iii) Establishment of newly set up industries raise the demand of resources like**

**[1]**

- (a) Food**
- (b) Fuel**
- (c) CFC**
- (d) Energy reactors**

**(iv) Assertion: Recycled paper is banned for use in food containers.**

**[1]**

**Reason: Paper is very thick and cannot cover the food containers.**

- (a) Both Assertion and Reason are true, and Reason is the correct explanation for Assertion.**
- (b) Both Assertion and Reason are true, but Reason is not the correct explanation for Assertion.**
- (c) Assertion is true but Reason is false.**
- (d) Assertion is false and Reason is true.**

**(v) The process of formation of soil is very slow. One inch of soil is formed in about 200 -1000 years. Soil is considered as a**

**[1]**

- (a) Rare resource**
- (b) Renewable resource**
- (c) Nonrenewable resource**
- (d) Scarce resource**

**(vi) Which of the following statement is incorrect about urban poverty?**

**[1]**

- (a) Unhygienic environment**
- (b) High population growth due to lack of family planning**
- (c) Lack of proper housing facilities**
- (d) No social security scheme**

- (vii) Overgrazing can be checked by [1]  
 (a) stall feeding  
 (b) leaving the cattle stalk in the field for hours  
 (c) growing alpha alpha grass  
 (d) practicing agroforestry
- (viii) Expired drugs is an example of [1]  
 (a) Domestic waste  
 (b) Pathological waste  
 (c) Biomedical waste  
 (d) Hazardous waste
- (ix) Which is the most favoured option in waste management? [1]  
 (a) Recycling  
 (b) Disposal  
 (c) Prevention  
 (d) Energy recovery
- (x) [1]



Identify the method of disposal for the items shown in the picture.

- (a) Composting  
 (b) Sanitary landfilling  
 (c) Incineration  
 (d) Open dumping

#### Question 2

- (a) Give two examples from your daily life to show overuse or irrational use of resources lead to depletion. [2]  
 (b) Differentiate between open dumping and sanitary landfill. [2]  
 (c) State any three difficulties you will face if waste gets accumulated at your backyard. [3]  
 (d) Why is there dearth of water in some places in India? [3]

#### SECTION B (20 Marks)

#### Question 3

- (a) Resource depletion adversely affects ecological balance. Natural resources are interconnected and so, impact created by one resource affects the human beings in numerous ways. [5]  
 Mention how the living world suffers due to this imbalance.
- (b) Explain 3R with the help of suitable examples of any two Rs. [5]

#### Question 4

- (a) Poverty is a reason for environmental degradation. Justify [5]  
 (b) [5]



What does the symbol signify? When and where it was first adopted? Mention its objectives.