



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:

- (i) Plastics are difficult to recycle because [1]
- (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)



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.
Mention how the living world suffers due to this imbalance. [5]
- (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)



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