

## Class V Subject SST

### \* Lesson 9 Developing pollution free environment \*

Very short Q/Ans

Q1 Give any two examples of living and non-living things.

Ans Living things  $\Rightarrow$  Human beings and animals.  
Non living things  $\Rightarrow$  Air and water.

Q-2 What are the biodegradable materials?

Ans The degradable materials are which can decompose and mix with soil.

Q3 Give any three ways to dispose off waste materials.

Ans (I) Burning (II) Landfills (III) open dumping.

Short answer type questions  $\Rightarrow$

Q1 "A clean surrounding help us to remain healthy". Explain the statement.

Ans The statement a clean surrounding helps us to remain healthy is absolutely right because an unclean and dirty surrounding causes different kinds of germs and diseases.



Q-2 What do you know about the open dumping?

Ans open dumping helps in disposing waste. In this wastes from the city and towns are taken far away by trucks and dumped in open landfills. But this method pollute the environment.

Q-3 Discuss the process of recycling.  
The process of recycling means the process in which waste materials are treated in such a way that they can be used again for example old newspaper are bought and in the factories these are made in fresh paper and used again.

Q-4 What should be done to recycle the used water at domestic level?

Ans The used water at domestic level should be collected and recycled at recycle plant and then the recycle water can be used for watering plants.





Non-biodegradable Waste

Ans D A part

The biodegradable waste materials decompose and mix with the soil. Fruit and vegetable peels, leftover food, paper and leaves are the biodegradable materials.



Biodegradable Waste

The non-biodegradable waste materials do not decompose easily. These materials do not mix with the soil and remain in the environment for a long period. Plastic goods, aluminium cans and silver foil are a few non-biodegradable waste materials.

## HOW TO DISPOSE WASTE ?

In big cities, many local agencies look after the collection and disposal of waste. The following methods are used to dispose waste materials.

### Burning

Waste is first collected at one place. It is then burnt. But burning of some wastes produces harmful smoke.



Burning waste in open can damage the environment

### Open Dumping

Waste is taken far away from the town or city by trucks and dumped in the open. But this method of waste disposal pollutes the environment.

Ans D B part

### Landfills



Often, deep ditches are dug in the ground and the garbage is dumped in them. When these are full, these ditches are covered with soil. Later this area is converted into



## EXERCISES

### A. Multiple choice questions (MCQs).

Choose the correct option from the following :

1. Which of the following things is not a non-living thing ?  
(a) sunlight      (b) air      (c) water      (d) human beings ✓
2. An unclean and dirty surrounding causes;  
(a) germs      (b) diseases  
(c) environmental degradation      (d) all of these ✓
3. Which of the following is a non-biodegradable waste materials ?  
(a) fruits peel      (b) papers      (c) plastic goods ✓      (d) leaves





4. Which of the following pairs is wrong ?

- (a) Burning — waste is burnt and produce smoke
- (b) Compost Pit — a pit is dug and household waste is dumped in it
- (c) Landfills — garbage is dumped in deep ditches
- (d) None of these ✓

5. The process in which waste materials are treated in a way that they can be used again is called \_\_\_\_\_.

- (a) recycling ✓
- (b) purification
- (c) sedimentation
- (d) weathering

**B. Very short answer type questions.**

1. Give any two examples of living and non-living things.
2. What are the Biodegradable materials ?
3. Give any three ways to dispose off waste materials.
4. Name any five non-degradable waste materials.

**C. Short answer type questions.**

1. "A clean surrounding helps us to remain healthy." Explain the statement.
2. What do you know about the open dumping ?
3. Discuss the process of recycling.
4. What should be done to recycle the used water at domestic level ?

**D. Distinguish between the following.**

1. Degradable and non-degradable materials.
2. Landfills and compost pits.

**E. Fill in the blanks.**

1. Plants need air, water and proper sunlight to grow.
2. A clean surrounding helps us to remain healthy.
3. Dirty water can be recycled and used to water plants.
4. Compost pit is a good way to dispose waste.
5. Recycle, reuse and rescue are the three R's of keeping the environment clean and healthy.

**F. Unscramble the following letters.**

1. N B R U G I N

2. L L I F S N A L D

Burning  
Land fills



3. Y C L C E R G I N  
 4. D G E A R D L E B A

Recycling  
Degradable

G. Correctly match List I with List II.

List I

List II

- |                           |                                       |
|---------------------------|---------------------------------------|
| (i) Degradable waste      | (a) manure                            |
| (ii) Compost              | (b) aluminium can                     |
| (iii) Old newspapers      | (c) vegetable peels                   |
| (iv) Non-degradable waste | (d) low lying area for waste disposal |
| (v) Landfill              | (e) Plastic bag                       |

## High Order Thinking Skills

HOTS

1. What steps should be taken to keep our environment neat and clean ?
2. Used water can be reused for several purposes. How ?



# SS-T Class V Word meaning

Lesson - 7, 8, 9

E/M

H/L/M

आभिनन

सुविद्या

मूल रूप से

छोटा अंश या कण

पुतिकूल दस्तना

1. Word  
Integral

Indiscernible

Facility

Mainly

A bit

Inaway that has a  
negative or harmful  
effect

2. Comfort

3. Basically

4. Particles

5. Adversely

6. Storms

Heavy rain in bad weather

तूफान

7. Contaminated

Polluted

दूषण मैलापन

खाद

8. Manure

Fertilizer

मलबा

9. Rubbish

Refuse, stuff

बैकार

10. Waste

Worthless

खाई

11. Trench

A long narrow hole

प्रचलित

12. Prevailing

Popular

ठिकाना

13. Location

Position

चरम

14. Extreme

Supreme

शीतोष्ण कटिबंध

15. Temperate zone

Self restrained

खेती

16. Cultivation

The act of tilling

मिश्रण

17. Combination

A mixture

उतरना / उतरना

18. Dumping

Ferry

निपटान

19. Dispose

Discard

तकलीफ

20. Misery

Unhappiness