

ATOMIC ENERGY CENTRAL SCHOOL-MANUGURU

WORKSHEET of MODULE – 3 / 4

Sub: SCIENCE

Chapter - 16. GARBAGE IN, GARBAGE OUT

Class: VI

I. Multiple choice questions

1. Which of the following is biodegradable?
a) Orange peels b) Aluminium foil c) Aluminium d) Plastic bottle
2. To reduce plastic waste we should
a) Minimize its use b) bury in the earth c) dump it in sea d) burn it
3. Example of household garbage is
a) Crockery pieces b) Dal packets c) Vegetable peels d) All of these.
4. Which of the following is true about composting?
a) Composting increases the fertility of soil.
b) Composting increases the water absorption capacity of soil.
c) Both (a) and (b).
d) None of these
5. Plant, animal or kitchen waste is collected in-
a) Green colour dustbin. b) Blue colour dustbin.
c) Yellow colour dustbin. d) None of these

II. Fill in the blanks.

6. Waste _____ is necessary to protect the environment.
7. We should not _____ garbage.
8. Waste material should be _____ into recyclable and non- recyclable.
9. We should _____ the use of plastics.
10. _____ of plastic bag is a big problem.

III. Short answer questions

11. Earthworms are called farmer's friend. Why?
12. Which items should not be included for making compost?
13. What can we do to minimise garbage generation?

14. To what use will you put these garbage and how?

- (a) Piles of straw after harvesting
- (b) Rotting smelly garbage
- (c) Metal cans
- (d) Non-recyclable nappies, pickles, etc.

15. Nani and Treesa both are best friends. Nani is very particular in segregating the waste generated in his house. He makes compost out of his kitchen waste and use this compost in manuring his potted plants. Treesa do not bother of segregating her household waste and even throws wrappers and plastics in the roads.

- (a) Out of the 3R's which one is suitable for plastics?
- (b) What are the effects of plastic on the environment?
- (c) Compare Nani's and Treesa's attitude towards environment.
- (d) What value of Nani is shown here?

Answers:

1. a 2. d 3. d 4. c 5. a

6. Management

7. Burn

8. Separated

9. Reduce

10. Disposal

11. A type of earthworm called redworm is used for composting and helps in increasing the fertility the soil. Thus they are called farmer's friends.

12. Pieces of cloth, polythene bags, broken glass, aluminium wrappers, nails, old shoes, broken toys etc.

13. We can take following steps to reduce garbage generation.

i. We can adopt the method of vermicomposting at home and deal with our kitchen waste carefully.

ii. We should recycle paper, old books, metal cans, glass bottles, etc

iii. We should use both sides of paper to write. We should use a slate for rough work.

iv. As far as possible, we should make our family, friends and others aware of the garbage hazards and to follow proper practices for disposing different kinds of wastes.

14.(a) Convert into compost and use as manure.

(b) Convert into compost and use as manure.

(c) Give for recycling or reuse it.

(d) Throw in landfill as they can't be either use for composting or recycling.

15. (a) We must minimise the use of plastics so 'reduce' is the best way for checking waste generation.

(b) Plastics are non-biodegradable waste. Excessive use of plastics and their improper disposal is causing environmental degradation. Plastics even can't be burnt because of the toxic gases released by them. Most of the plastics are non-recyclable also.

(c) Nani is eco-friendly but Treesa is not eco-friendly.

(d) Rishabh is intelligent, hardworking, sensible to environmental degradation and eco-friendly.