

Class: 6
Subject: Biology
Topic: Garbage In, Garbage Out
No. of Questions: 25

Q1. Composting method in which earthworm is used

- (a) Compositng
- (b) Manuring
- (c) Vermicomposting
- (d) Decomposing

Sol. (c)

Q2. Which one is a good habit

- (a) Using plastic bag
- (b) Carrying a cloth bag for vegetable
- (c) Using scooter for short distance
- (d) Throwing garbage into drain.

Sol. (b)

Q3. Which of the following can not be used for composting?

- (a) Fruits peels
- (b) Vegetables peels
- (c) Rotten banana
- (d) Plastic bag

Sol. (d)

Q4. The area where garbage is collected and decomposed is called

- (a) Dustbin
- (b) Landfills
- (c) Compost
- (d) All of these

Sol. (b)

Q5. A non-biodegradable item

- (a) Cannot be recycled
- (b) Can be recycled
- (c) Can be reused
- (d) Can be exhaustible

Sol. (b)

Q6. Which of the following is non-biodegradable?

- (a) Cardboard
- (b) Cotton cloth
- (c) Leather shoes
- (d) Glass bottle

Sol. (d)

Q7. An example of source reduction of waste is

- (a) Backward composting
- (b) Throwing things that are old
- (c) Making paper aeroplanes
- (d) Burning

Sol. (a)

Q8. Match the following

Column A

- (a) Greeting cards made from newspaper
- (b) Contents of waste bins
- (c) Worms converting waste into manure
- (d) An area where a lot of garbage is collect
- (e) A non-recyclable waste

Column B

- (i) earthworms
- (ii) landfills
- (iii) fruit peels
- (IV) reuse
- (V) Garbage

Sol. (a) – (IV), (b) – (V), (c) – (i), (d) – (ii) (e) – (iii)

Q9. Fill in the blanks with suitable word

- (a) have become an integral part of our lives.
- (b), reuse and recycle are the rules of 3 R's.
- (c) For effective waste management, waste must be
- (d) We produce tons of waste and everyday.
- (e) Separating solid waste into different categories is called

Sol. (a) plastic (b) reduce (c) recycled (d) garbage (e) segregation.

Q10. Why should plastic be not burnt?

Sol. Plastics should not be burn as on combustion of plastics a number of harmful gasses are produced that may cause respiratory disease.

Q11. What is incineration? Why it is essential?

Sol. It is the burning of garbage at high temperature. This procedure greatly reduces the weight and volume of wastes. It is essential to reduce the volume of wastes like paper.”

Q12. Distinguish between biodegradable and non-biodegradable wastes.

Sol. Those wastes that can be decomposed into simple substance by action of microorganism are called biodegradable and those wastes that are not decomposed naturally are called non-biodegradable wastes.

Q13. How can you reduce the use of plastics?

Sol. Use of plastics can be reduces by:

- (a) Make minimal use of plastic bags.
- (b) Use cloth or paper bag in place of plastics.
- (c) Educate the people about ill-effect of plastics.

Q14. Match the following

Column A	Column B
(a) Biodegradable	(i) substance which has no use
(b) Recycle	(ii) earth worm
(c) Vermiform compost	(iii) Paper
(d) Use of plastics	(iv) fruits peels
(e) Waste	(v) minimize

Sol. (a) – (iv) , (b) – (iii) , (c) – (ii) , (d) – (v) , (e) – (i).

Q15. Write T for true and F for false statements.

- (a) We should use plastics as it is cheap and can be thrown.
- (b) We should not burn plastic bags.
- (c) We can recycle kitchen wastes
- (d) Students do not create any waste.
- (e) Students do not create any waste.

Sol. (a) F , (b) T , (c) T, (d) F, (e) F.

Q16. What is 3R's formula?

Sol. It is a method of waste management in which three practices are used that is Reduce, Recycle and Reuse.

Q17. What does effective disposal of waste require?

Sol. Effective disposal of waste is essential as it may create a lot of problems like spread of disease, making soil infertile, chocking of sewer system and making natural beauty of earth ugly.

Q18. What do you mean by source reduction of wastes?

Sol. Source reduction of waste is the best method of waste management in which wastes are recycled at site of production and some other useful substance are produced. Production bio-gas using human excreta is such an example.

Q19. Write three things that you use in your daily life can be reuse and recycled?

Sol. Three things that we can use and can be recycled are

- (a) Paper
- (b) Plastics
- (c) Vegetable and fruit peels into compost.

Q20. Match the followings

Column A.

Column B

- | | |
|-------------------------|-------------------------|
| (a) Kitchen waste is | (i) recyclable |
| (b) Aluminum cans are | (ii) burning of garbage |
| (c) Plastics are | (iii) non-biodegradable |
| (d) Burning of plastics | (iv) bio- degradable |
| (e) Incineration | (v) emit harmful gas |

Sol. (a) – (iv) , (b) – (iii), (c) – (i), (d) – (v), (e) – (iv).

Q21. Fill in the blanks.

- (a) Waste is necessary to protect the environment.
- (b) We should not garbage.
- (c) Waste material should be Into recyclable and non-recyclable.
- (d) We should the use of plastics.
- (e) of plastic bag is a big problem.

Sol. (a) Management (b) burn (c) separated (d) reduce (e) disposal.

Q22. What is vermicomposting?

Sol. It is a method of obtaining manure from biodegradable waste. In this method, earthworms are used to decompose the waste faster and richer in nutrients.

Q23. List three ill – effects of plastics.

Sol. ill – effect of plastics are:

- (a) Burning produce harmful poisonous gas.
- (b) Plastic can chock sever.
- (c) Plastic makes the soil infertile.

Q24. What are bio-degradable wastes?

Sol. Those wastes that can be easily decomposed into harmless components in short interval of time due to action of microorganism are called bio-degradable. For example vegetable wastes, paper, cloths etc.

Q25. Classify the following as bio-degradable and non-biodegradable substance. Vegetable peels, plastic bags, paper bags, Aluminum cans, cow dung, polythene.

Sol.

Bio-degradable	Non-biodegradable
Vegetables peels	Plastic bags
Paper bags	Aluminum cans
Cow dung	Polythene