

I. Choose the correct answer:

7x1=7

1. It is a biodegradable waste.
 - a. plastic
 - b. Coconut shell
 - c. glass
 - d. Aluminum
2. Producers are _____.
 - a. Animals
 - b. Birds
 - c. Plants
 - d. Snakes
3. Usage of chemical pesticides and fertilizers causes _____ pollution.
 - a. air
 - b. water
 - c. noise
 - d. None of the above
4. It is an undesirable change that occurs in air and water
 - a. Recycling
 - b. Reuse
 - c. Pollution
 - d. Reduce
5. Identify the fresh water ecosystem.
 - a. pond
 - b. lake
 - c. river
 - d. all of them
6. Any substance that causes pollution is known as a _____.
 - a. oxygen
 - b. pollutant
 - c. domestic waste
 - d. bacteria
7. Animals that eat both plants and animals are called _____.
 - a. Herbivores
 - b. Carnivores
 - c. Omnivorous
 - d. Decomposers

II. Fill in the blanks:

8x1=8

8. The 3R's are Reduce, _____ and Recycle.
9. Water pollution can spread _____ diseases in man.
10. _____ is the process of converting waste materials into new materials.
11. Primary consumers that eat plants are called _____.
12. Temperature, light and wind are _____ factors.
13. Terrarium is a place in which _____ animals lives.
14. _____ ecosystem is created and maintained by human.
15. _____ waste gets decomposed by natural agents like water, micro organism, etc...,

III. Write True or False:

7x1=7

16. In schools, waste management rules say that we should separate waste in two categories.
17. Excessive use of pesticides leads to air pollution.
18. Bacteria and fungi are called decomposers.

19. Human and animal wastes are examples of non – bio gradable waste.

20. The pacific ocean is an example of an marine ecosystem.
21. Do not turn off your electronics when you don't use them.
22. Speak, do not shout.

IV. Match the following:

7x1=7

- | | | |
|-------------------|---|-----------------------|
| 23. Biotic factor | - | Air pollution |
| 24. Sewage | - | Terrestrial ecosystem |
| 25. Fertilizers | - | Animals |
| 26. Desert | - | Land pollution |
| 27. Smoke | - | water pollution |
| 28. Incinerate | - | New products |
| 29. Recycle | - | burning |

V. Short answer:

7x3=21

30. Define ecosystem.
31. What are the two types of ecosystem?
32. Distinguish between producers and consumers.
33. Give one example of a food chain in an aquatic ecosystem.
34. Define composting.
35. Pick the odd one out and give reason fruit peel, plastic, metal scraps, aluminum bottles.
36. What are the types of pollution?

VI. Answer in detail:

2x6=12

37. Explain about the steps for solid waste management.
38. Describe in detail about various trophic levels.

VII. Diagram:

2x4=8

39. Waste management pyramid.
40. Process of vermin compost.

VIII. Hots:

5x1=5

41. Arrange the food chain in correct order.
Rabbit → Carrot → Snake → Eagle.
42. I flow from homes and farms into rivers and lakes. I kill fish and make water unfit for drinking. I am _____ pollution.
43. Pick the odd one out.
Oxygen, Nitrogen, Carbon di oxide, water
44. List two abiotic factors.
45. Draw 3R's cycle.