**Chapter-1**

**Our Environment**

1. The student should look around the place they live and make a list of 6 things they see in their surroundings. Then classify them as biotic and abiotic components**.**

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| **S.N** | **Name of things found** | **Biotic and Abiotic** |
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1. You visit a city where twin bin system is followed that is blue and green dustbins are placed in the localities. You have to segregate the waste and throw it in the two bins. Make a list of waste consisting of at least 4 waste materials you will put in green and blue bins.
2. The student are given list of animals-deer, goat, lion, tiger, bear, pigs, man. Classify the animals as herbivores, carnivores and omnivores.
3. Why are plants referred as producers?
4. What will happen if dead organisms are not decomposed?
5. Living organisms cannot live in isolation, justify.
6. How are autotrophs different from hetro trophs?
7. Plants: Producers:: \_\_\_\_\_\_\_\_\_\_\_: Consumers
8. Primary consumers: \_\_\_\_\_\_\_\_\_\_\_\_:: Secondary consumers: Carnivores
9. Define the following terms
10. Vermi composting
11. Scavengers
12. Biodegradable material
13. Mineral cycle
14. Photosynthesis
15. Complete the following statements
16. Both biotic and abiotic components taken together constitute an \_\_\_\_\_\_\_\_\_\_\_\_.
17. In order to hasten the process of compost making, a variety of \_\_\_\_\_\_\_\_ called \_\_\_\_\_\_\_\_\_\_\_\_ can be mixed with the kitchen waste.
18. \_\_\_\_\_\_\_\_\_ is non bio-degradable and cannot b broken down into simpler substances by any \_\_\_\_\_\_\_\_\_\_\_\_\_.
19. \_\_\_\_\_\_\_\_, air, temperature are examples of non-living or \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
20. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ can supplement the requirement of water in cities and raise the sub-soil water level.
21. \_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are the important gases of air.
22. Ipomoea (\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ) flowers bloom out at sunrise.
23. The \_\_\_\_\_\_\_\_\_\_ of a place is indicative of the degree of coldness and hotness.
24. Complete the given food chain
25. Grass ------🡪\_\_\_\_\_\_\_\_\_\_\_--------🡪lion
26. Grass------🡪\_\_\_\_\_\_\_\_\_\_\_\_\_-------🡪Frog
27. Plankton ----🡪\_\_\_\_\_\_\_\_\_\_\_\_------🡪 dolphin
28. Complete the cycle

Burning

Photosynthesis

or

Combustion

Oxygen

1. Give examples of each
2. 2 animals that are found in cold regions
3. 2 animals that are found in hot areas
4. One flower that faces sun
5. 2 abiotic components
6. 2 micro organisms
7. 2 scavengers
8. 2 animals active in night
9. How do the microorganisms help in recycling of minerals?
10. Distinguish between bio degradable and non biodegradable waste.
11. What is vermi composting?
12. How can the kitchen waste be converted into compost?
13. Briefly explain the roof top rain harvesting method.
14. Give reasons
15. Water is essential for growth and survival of living organisms.
16. Light is needed by the plants.
17. Animals like cattle and goat are referred as primary consumers.
18. Jackals and vultures are known as scavengers
19. What helps camel to withstand extreme heat of desert?
20. What affect does temperature have on living organisms?
21. Fill the blanks in the given flow chart

Plants

Primary consumer

Components of biotic

Microorganism

1. Make a chart showing the abiotic components of the environment and its affect on the biotic component.
2. Now days with spread pandemic corona there is lot of waste is produced i.e. PPE kit, surgical mask etc. State whether this waste is biodegradable or nonbiodegradable.