



## **Work sheet- Our Environment**

### **II. VERY SHORT ANSWERS TYPE QUESTIONS CARRYING 1 MARK EACH**

17. What is a biodegradable substance?
18. We often use the word environment. What does it mean?
19. Give an example of food chain of three trophic levels that exists in a grassland.
20. What is the function of ozone in the upper atmosphere?
21. Name two decomposers.

### **III. SHORT ANSWER TYPE QUESTIONS CARRYING 3 MARKS EACH**

22. Why do producers always occupy the first trophic level in every food chain?
23. "Damage to the ozone layer is a cause of concern." Justify the statement. Suggest any two steps to limit this damage.
24. Give an example to illustrate that indiscriminate use of pesticides may result in the degradation of the environment.
25. Why are bacteria and fungi called decomposers? List any two advantages of decomposers to the environment.
26. "Energy flow in a food chain is unidirectional." Justify this statement. Explain how the pesticides enter a food chain and subsequently get into our body.

### **IV. LONG ANSWER TYPE QUESTIONS CARRYING 5 MARKS EACH**

- 27 Give reason to justify the following:
  - (a) The existence of decomposers is essential in a biosphere.
  - (b) Flow of energy in a food chain is unidirectional.
28. A team of Indian researchers went to Antarctica to study the ozone layer. They confirmed the presence of largest ozone hole over Antarctica and was just short of 27 million sq. km. After few days of their return, one of the scientists developed rashes, burning sensation and other skin problems which the doctors have confirmed as skin cancer.
  - (a) What may be the cause of cancer just after return from Antarctica?
  - (b) What do we learn from this incident?
29. Raju and Lokesh are neighbours in a colony. Raju maintains a compost pit by using bio-degradable household wastes. Lokesh throws the household waste in two separate dustbins.
  - (a) Whom do you support? Why?
  - (b) How is Raju justified.
  - (c) Maintaining two dustbins for bio-degradable and non-biodegradable wastes is a good idea. How is Raju's practice better than that of Lokesh?

### **V. BOARD BASED QUESTIONS.**

30. Why should biodegradable & non-biodegradable wastes be discarded in two different dustbins?
- (1) 31. What is an ecosystem? (1)

32. What are decomposers? State the role of decomposers in the environment. (2)
33. Kulhads (disposable cups made of clay) and disposable paper cups both are used as an alternative for disposable plastic cups. Which one of these two can be considered as a better alternative to plastic cups and why? (2) 2022
34. Human beings are most adversely affected by the Biological Magnification. State the reason. Why can ordinary washing of edibles (fruits and vegetables) not reduce the effect of biological magnification? (2) 2022