



INDIAN SCHOOL AL BURAIMI
BIOLOGY WORKSHEET

NAME:
STD: X

DATE:
WORKSHEET - 9

Chapter 15. Our Environment

1. Choose one consumer each that belongs to the second and third trophic levels from the organisms given below. Eagle, frog, tiger, rabbit, fox
2. Pesticides added to a field is seen in increased amounts in the crop and in the birds that feed on them. What is this phenomenon called?
3. A food chain always starts with (respiration, photosynthesis, decay, nitrogen fixation)
4. Ozone Layer is damaged by (methane, CO₂, SO₂, CFCs)
5. Which of the following limits the number of trophic levels in a food chain? (water, polluted air, deficient food supply, decrease in energy level at higher trophic levels)
6. Which is not a terrestrial ecosystem? (forest, desert, aquarium, grassland)
7. Which is non- biodegradable? (paper, wood, cloth, plastic)
8. What will happen if deer is missing in the following food chain- grass →deer →tiger
 - a) Tiger population decreases and grass population increases
 - b) Grass population decreases
 - c) Tiger start eating grass
 - d) Tiger population increases
9. In natural ecosystems decomposers include (only bacteria and fungi / microscopic animals / herbivores and carnivores)
10. All living organisms on earth constitute the (ecosystem, biome, biosphere, biotic community)
11. Which of the following constitute a food chain? (grass, wheat and mango / grass, goat, humans / goat, cow, elephant / grass, fish and goat)
12. Which of the following will have the maximum concentration of harmful chemicals in its body?
13. Why is the Government stressing upon the use of jute / cloth carry bags?
14. What is an ecosystem?
15. Why does energy of producers never come back to the autotrophs?
16. Give examples of – a) aquatic (fresh water) ecosystem b) terrestrial ecosystem c) arboreal ecosystem d) Marine water ecosystem
17. What limits the number of trophic levels in a food chain? What will happen if we kill all organisms of a particular trophic level?
18. How is food chain important? Give the correct sequence of various trophic levels in a food chain.
19. Aquarium needs regular cleaning whereas lakes normally do not. Why?
20. Write some ways on how biodegradable substances would affect the environment.’
21. What are the harmful effects of acid rain?
22. Give any two methods to reduce the problem of waste disposal.
23. What are trophic levels? Give example.
24. What is the role of decomposers in the environment? What is the difference between a food chain and a food web? What are the measures to prevent ozone layer depletion?
25. Why vegetarian food habits help us in getting more energy? DDT has entered the food chain. Which food habit is safer- vegetarian or non- vegetarian?

