

**CBSE Class 10 Science**  
**Ch -15 Our Environment**

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**More Questions**

1. During heavy rains in a village, the rain water carried excessive nitrogen compounds to a pond. How will it affect the growth of fish in the pond in the long run?
2. Which of the following materials are non-biodegradable? Aluminium wire, tea leaves, synthetic fibres, wool
3. In comparing the two ecosystem A & B it is observed that A has only first and second order consumers while B has third, fourth and fifth order consumers. Which of the two could be more stable?
4. What name has been given to those organisms which breakdown the complex organic compounds present in dead animals and plants?
5. Which of the following constitutes a food chain?
  - a. Grass, wheat and mango
  - b. Grass, goat and human
  - c. Goat, cow and elephant
  - d. Grass, fish and goat
6. Vegetarian food habit can sustain a larger number of people. Justify the statement in terms of food chain.
7. Which of the following belong to the same trophic level?
8. Give any two ways in which non-biodegradable substances would affect the environment.
9. How does study of food chain in an area or habitat help us.
10. What percentage of energy, available at the producer level is transferred at successive trophic levels in a food chain?
11. A non-biodegradable toxic chemical has entered into a food chain. Which type of food habit will you suggest to a man? Vegetarian or Non-vegetarian.
12. Name two waste materials, which can be recycled?
13. Explain why, the practice of serving tea in Kulhads (disposable cups and made of clay) on trains has been discontinued?
14. Explain why there are greater chances of accumulation of harmful chemicals in the body of human being.

15. The use of pesticide DDT is discouraged since this chemical is found in human body. How does this chemical enter or body?
16. What will happen if we kill all the organisms in one trophic level?
17. Consider the following food chain:
  1. Plants → Mice → Snake → Hawks
  2. plants → Mice → HawksIf energy available at the producer level in both the food chains is 100 J in which case will hawks get more energy as food and by how much? Justify your answer.
18. How much energy will be available to hawks in the food chain comprising hawk, snake, paddy and mice, if 10,000 J of energy is available to paddy from the sun?
19. Calculate the amount of energy available to lion in the following food chain if plant have 20000 J of energy available from the sun.  
Plant → Deer → Lion.
20. In the food chain Grass → Deer → Lion, operating in a forest, what will happen,
  1. If all the lions are removed?
  2. If all the deer are removed?
  3. If all the grass is removed?
21. What are the various methods of waste disposal practiced in your school? Describe any 2 methods briefly.
22. All the flesh of a carnivore is from grass, Justify the statement.
23. Explain the following terms
  1. Acid Rain
  2. Ozone depletion
  3. Green house effect.