



## BIOLOGY CH:15- OUR ENVIRONMENT

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Class: X Sec: \_\_\_\_

1. In a food chain consisting of snake, insect, grass and frog, assign an appropriate trophic level to frog.
2. What is ozone ? How does it protect the organisms on the Earth ?
3. Producers always occupy the first trophic level in any food chain. Why?
4. The flow of energy in the food chain is unidirectional why ?
5. Use of paper bags is more environment friendly than the use of polythene bags for packaging. Justify
6. How ozone molecule is formed in the atmosphere?
7. In the following food chain 5 j of energy is available to man. How much energy was available at producer level ? Plants → sheep → man
8. (a) What are decomposers ?  
(b) State in brief the role of decomposers in the environment.
9. Which one of the following is always at the third trophic level in a food chain?  
Carnivores, herbivores, producers, decomposers
10. Which of the following belonging to a food chain is likely to have maximum concentration of harmful chemicals in its body? Peacock, Frog, Snake, Grass hopper.
11. In the following food chain, grass provides 4000J of energy to the grasshopper. How much energy will be available to snakes and frogs? GRASS --- GRASSHOPPER – FROGS – SNAKES
12. Why is the Government stressing upon the use of jute / cloth carry bags?
13. Differentiate between biodegradable and non-biodegradable substances. Cite examples.
14. What are different methods for disposal of garbage?
15. What is food chain? Give its characteristics. Explain how energy flows through different trophic levels in a food chain.