

Class 10 Our Environment Worksheet

Now that you have gone through the Class 10 Our Environment notes, here are some important exam questions you must practice:

1. Explain the difference between a food web and a food chain?
2. Define biological magnification.
3. Why is the ozone layer important for organisms?
4. What do you understand by biodegradable substances and non-biodegradable substances?
5. Why are biodegradable substances important for the environment?
6. How is the increase in demand for energy affecting our environment adversely?
7. Why are bacteria and fungi called decomposers? List any two advantages of decomposers to the environment.
8. How is ozone formed in the upper atmosphere? Why is the damage of ozone layer a cause of concern to us? State a cause of this damage.
9. Construct an aquatic food chain showing four trophic levels.
10. Explain the phenomenon of "biological magnification" How does it affect organisms belonging to different trophic levels particularly the tertiary consumers?
11. What happens when higher energy ultraviolet radiations act on the oxygen at the higher level of the atmosphere?
12. In the given food chain if the amount of energy at the fourth trophic level is 4 kJ, what will be the energy available at the producer level? Grass → Grasshopper → Frog → Snake
 - a. 4 kJ
 - b. 40 kJ
 - c. 400 kJ
 - d. 4000 kJ
13. Which of the following chemicals causes depletion of the ozone layer?
 - a. Carbon tetrachloride
 - b. Methane

c. Chloro fluorocarbon

d. Carbon monoxide

14. In the following food chain, plants provide 500J of energy to rats. How much energy will be available to hawks from snakes? Plants ----> Rats ----> Snakes ----> Hawks
15. Why are bacteria and fungi called decomposers? List any two advantages of decomposers to the environment.