



Very short questions-:

1. Why is a lake considered to be a natural ecosystem?
2. Why should biodegradable and non biodegradable wastes be discarded in two separate dustbins?
3. Name two decomposers.
4. What are trophic levels?
5. Draw the food chain of pond ecosystem.

Short questions-:

1. Differentiate between biodegradable and non biodegradable substance with the help of example each.
2. Differentiate between food chain and food web.
3. Why do all food chains start with plants and have a limited number of trophic levels?
4. Mention the role of microorganisms like bacteria and fungi in the ecosystem.
5. What is an ecosystem? List its two main components. We do not clean ponds or lakes, but an aquarium needs to be cleaned regularly. Why?
6. What is biodiversity? What will happen if biodiversity of an area is not preserved? Mention one effect of it.
7. Why is Government of India imposing a ban on the use of polythene bags? Suggest two alternatives to these bags and explain how this ban is likely to improve the environment.
8. Draw a line diagram to show flow of solar energy in ecosystem.
9. What will happen if we kill all the organism of one trophic level?

Long questions-:

1. What is ozone and how does it formed in the upper atmosphere? What causes its damage? Why is damage to the the ozone layer a cause for concern? What steps are being taken to limit this damage?
2. Describe methods of waste disposal.
3. "Energy flow in food chains is always unidirectional". Justify this statement. Explain how the pesticides enter a food chain and subsequently get into our body.
4. What is biological magnification? Will the levels of this magnification be different at different levels of ecosystem?