

1. What would happen if the following waste accumulates-
  - a. biodegradable
  - b. Nonbiodegradable
2. Why are ponds referred to as Natural ecosystems while aquariums are called man made ecosystems?
3. What is the role of decomposers in an ecosystem?
4. Find the amount of energy available to the producer and snake, if 100000 kilo joules of energy is falling on the plant from the sun, in the given food chain--  
plant  $\rightarrow$  grasshopper  $\rightarrow$  frog  $\rightarrow$  snake  $\rightarrow$  Hawk
5. Give reasons .
  - a. Food chains are uni-directional
  - b. they have only four to five levels
  - c. vegetarian food habit is more energy efficient
6. Which trophic level has the highest amount of pesticides in a food chain? Why does this happen? Explain .
7. Explain the flow of energy in an ecosystem with the help of a flowchart.
8. How is ozone formed? Why is it essential ? How is it being depleted ?
9. What was the contribution of UNEP1987 in managing ozone layer.
10. What is the significance of green and blue dustbins?
11. Why were plastic cups replaced by kulhads?
12. Why were kulhads replaced by paper cups?