

## Chapter – 5

### Worksheet-1

1. The hierarchies within a food web are called ..... levels.
2. The contamination of air by adding gases, smoke and ash is called.....
3. Decrease in ozone in stratosphere is linked to release of synthetic chemicals like.....
4. Improvement in life style often results in increased generation of ..... material.
5. The ..... make the energy from sunlight available to the rest of the ecosystem.
6. In an ecosystem, the 10% of energy is transferred from one trophic level to the next in the form of
  - (a) Heat energy
  - (b) light energy
  - (c) Chemical energy
  - (d) Mechanical energy
7. What will happen if deer is missing in the food chain given below?  
Grass → Deer → Tiger
  - (a) The population of tiger increase
  - (b) The population of grass decreases
  - (c) Tiger will start eating grass
  - (d) The population of tiger decreases and the population of grass increases
8. Environment consists of
  - (a) Land, air, water
  - (b) Light, temperature and rainfall
  - (c) Plants, animals and microbes

(d) All the above

9. Rag pickers remove

(a) Plastic, polythene, paper and metal wastes

(b) rags, cardboard, glass articles

(c) both (a) and (b)

(d) Food articles

10. Ozone hole means

(a) Hole in the stratosphere

(b) Same concentration of ozone

(c) Decrease in concentration

(d) Increase in the concentration of ozone.

11. Write the names of aquatic organisms in order to form a food chain of at least three steps.

12. Expand UNEP and CFCs.

13. What is the harm of kulhads (clay cups)?

14. Describe the various categories of consumers.

15. Describe the importance of decomposers.

16. What is food web? Depict it graphically?

17. How can you help in reducing the problem of waste disposal? Give any two methods.

18. (i) Name the radiations absorbed by ozone layer.

(ii) What would happen to living ones on earth if ozone layer around us disappears?

19. i) Why do food chains in an ecosystem not have more than 4 to 5 trophic levels?

(ii) How much energy flows from one trophic level to next in a food chain?

20. Match the column

Column I

- (A) Grass
- (B) Grasshopper
- (C) Frog
- (D) Hawk

Column II

- (p) Primary carnivore
- (q) Secondary carnivores
- (r) Producer
- (s) Primary consumer