

## Chapter – 5

### Worksheet-2

1. The waste we generate may be .....or.....
2. Substances that are broken down by biological processes are said to be .....
3. All the interacting organisms in an area together with the non-living constituents of the environmental form an.....
4. Gardens and crop fields are example of .....
5.  $CO_2$  absorbs some of the ..... that radiates from the surface of earth to space
  - (a) Ozone
  - (b) heat
  - (c) Ultraviolet light
  - (d) Smog
6. Individuals of any species at a place form
  - (a) Biotic community
  - (b) ecosystem
  - (c) population
  - (d) biome
7. Which of the following constitute a food-chain?
  - (a) grass, wheat and mango
  - (b) grass, goat and human
  - (c) goat, cow and elephant
  - (d) grass, fish and goat
8. The maximum energy is stored at following tropical level in any ecosystem
  - (a) Producers

- (b) Herbivores
- (c) Carnivores
- (d) Top carnivores

9. Carnivores represent

- (a) Primary consumers
- (b) Secondary and tertiary consumer
- (c) Reducers
- (d) Zooplankton

10. The percentage of solar radiation absorbed by all the green plants for the process of photosynthesis is about

- (a) 1%
- (b) 5%
- (c) 8%
- (d) 10%

11. What is environment?

12. How is ozone layer helpful?

13. Name three biotic components of an ecosystem.

14. What is the essential role of decomposers in ecosystem?

15. What is ten percent law?

16. Describe a grassland food chain.

17. Briefly describe how harmful chemicals undergo biological Magnification.

18. Explain some harmful effects of agricultural practices on the environment.
19. How is the increase in demand for energy affecting our environment adversely?
20. (a) Distinguish between producers and decomposers.  
(b) Classify the following as producers and decomposers:  
Green plants, bacteria, fungi, blue – green algae.

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