

## EXERCISE # 1

### A. Single Choice Type Questions

- Q.1** Environment consists of -  
(A) Land, air, water  
(B) Light, temperature and rainfall  
(C) Plants, animals and microbes  
(D) All the above
- Q.2** The reason for excessive generation of waste is -  
(A) Use and throw policy  
(B) Increased availability of food  
(C) Non-utilisation of all components of food  
(D) Increased construction wastes
- Q.3** A biodegradable waste is -  
(A) Polythene bags  
(B) Broken glass and crockery  
(C) Livestock waste  
(D) Discarded plastic
- Q.4** A non-biodegradable waste is -  
(A) Garbage (B) Metallic articles  
(C) Sewage (D) Waste paper
- Q.5** Which one is recyclable waste ?  
(A) Paper  
(B) Torn clothes  
(C) Metallic and plastic discards  
(D) All the above
- Q.6** Rag pickers remove -  
(A) Plastic, polythene, paper and metal wastes  
(B) Rags, cardboard, glass articles  
(C) Both (A) and (B)  
(D) Food articles
- Q.7** Carcinogenic chemicals produced during recycling of plastics and polythene are -  
(A) Formaldehyde  
(B) Polycyclic aromatic compounds  
(C) Vinyl chloride  
(D) Dioxins and furans
- Q.8** Combustible material can be hygienically disposed off through -  
(A) Dumping (B) Incineration  
(C) Composting (D) Recycling
- Q.9** City garbage can be used to produce -  
(A) Sewage sludge (B) Useful articles  
(C) Biogas and manure (D) All the above
- Q.10** Which is abiotic component of ecosystem ?  
(A) Humus (B) Bacteria  
(C) Plants (D) Fungi
- Q.11** Who coined the term ecosystem ?  
(A) Tansley (B) Odum  
(C) Warming (D) Darwin
- Q.12** Carnivores represent -  
(A) Primary consumers  
(B) Secondary and tertiary consumers  
(C) Reducers  
(D) Zooplankton
- Q.13** Amount of energy transferred from one trophic level to the next is -  
(A) 1.5% (B) 10%  
(C) 15% (D) 20%
- Q.14** In every food chain green plants are -  
(A) Decomposers (B) Producers  
(C) Consumers (D) None of the above
- Q.15** Which one is present in maximum number in an ecosystem ?  
(A) Herbivores (B) Carnivores  
(C) Producers (D) Omnivores
- Q.16** An artificial ecosystem is -  
(A) Lake (B) Ocean  
(C) Aquarium (D) Forest
- Q.17** Ozone shield protects us from -  
(A) Cosmic rays (B) UV-C  
(C) UV-B (D) Both (B) and (C)
- Q.18** A amount of ozone in ozonosphere began to drop in -  
(A) 1987 (B) 1980  
(C) 1992 (D) 2000
- Q.19** Organisation involved in formulating programmers for protecting environment is -  
(A) WHO (B) UNDP  
(C) UNEP (D) UNICEF
- Q.20** Which chemical has been replaced recently -  
(A) Malathion  
(B) Chlorofluorocarbons  
(C) Chloroform  
(D) Ethylene dibromide

## EXERCISE # 2

### A. Very Short Answer Type Questions

- Q.1** What is environment ?
- Q.2** Name a component of environment which is both a resource and a regulatory factor.
- Q.3** What is consumerism ?
- Q.4** Define garbage.
- Q.5** What are biodegradable wastes ?
- Q.6** Define a nonbiodegradable waste.
- Q.7** Give two examples of biodegradable wastes.
- Q.8** Name two nonbiodegradable wastes.
- Q.9** Name a natural ecosystem.
- Q.10** Name a man-made ecosystem.
- Q.11** What are producers ?
- Q.12** What are consumers ?
- Q.13** What are microconsumers ?
- Q.14** Define omnivores.

### B. Short Answer Type Questions

- Q.15** Name two functions of producers.

- Q.16** Differentiate between herbivores and consumers.

- Q.17** Describe the various categories of consumers.

- Q.18** Distinguish a carnivore from omnivore.

- Q.19** Differentiate between producers and consumers.

- Q.20** Describe a forest food chain.

- Q.21** Describe a grassland food chain.

- Q.22** What is an ecological pyramid ? Name its types.

- Q.23** What is food web ? Depict it graphically.

- Q.24** Differentiate between food chain and food web.

- Q.25** Write a note on ozone depletion.

- Q.26** Write a note on ODS.

- Q.27** What is the function of ozone layer ?

### C. Long Answer Type Questions

- Q.28** Describe the biological components of an ecosystem.

- Q.29** Describe the various components of a typical food chain. Give its functions.

**Q.30** Explain briefly what you know about food web. Give its importance.

**Q.31** Briefly describe the mechanism of garbage mangement.

**Q.32** Write what you know of ozone depletion.