

## EXERCISE

### GENERAL TERMS

1. **Environment** : The surroundings, which include all the living and nonliving things around us.
2. **Lithosphere** : The outermost layer crust of the earth, which is made up of rocks and minerals.
3. **Hydrosphere** : The realm of the environment that contains all the waterbodies on earth's surface, such as oceans, seas, gulfs, rivers, lakes, etc.
4. **Atmosphere** : The envelope of air which surrounds the earth from all sides.
5. **Biosphere** : The zone of living organisms, where land, water and air meet.

### Q.1 STATE TRUE OR FALSE

1. Our environment has both natural and human components.
2. The main realms of the earth are lithosphere, hydrosphere, atmosphere and ecosphere.
3. The lithosphere has landforms like mountains, plateaus, plains, river valleys, waterfall etc.
4. Water, on the earth's surface, is found in solid, liquid and gaseous forms at the same time.
5. The earlyman could not adjust with the environment and thus moved from place to place.

### Q.2 FILL IN THE BLANKS

1. The lithosphere, the solid and hard layer, is also called the .....
2. The earth, only known planet having water, is also called the .....

3. The natural environment has ..... and ..... components
4. The air is a ..... of gases, dust particles and water vapour.
5. Ecology studies the relationship between ..... and their .....

### Q.3 DISTINGUISH BETWEEN THE FOLLOWING

1. Biotic and Abiotic components
2. Natural and Human environment
3. Biosphere and Ecosystem
4. Physical and Biological environment.

### Q.4 CHOOSE THE CORRECT ANSWER

1. Which is not a natural ecosystem ?  
(A) Forest (B) Pond  
(C) Zoo (D) All of these
2. Which is not a part of the biological environment ?  
(A) Land (B) Plants  
(C) Animals (D) None of these
3. What percentage of earth's surface is covered with water ?  
(A) 20 per cent (B) 21 per cent  
(C) 71 per cent (D) 50 Percent
4. Which one of the following is a man-made environment ?  
(A) Mountain (B) Dam  
(C) River (D) Plains
5. Which of the following is the abiotic component of the environment ?  
(A) Reptiles (B) Diamond  
(C) Grasslands (D) Mountains
6. Which is not one of the realms of the earth ?  
(A) Ecosystem (B) Biosphere  
(C) Atmosphere (D) None of these

7. Biosphere means :  
 (A) Lithosphere (B) Hydrosphere  
 (C) Atmosphere (D) All the above
8. Which is not a component of human environment ?  
 (A) Land  
 (B) Religion  
 (C) Family  
 (D) Political association
9. Which is not a natural ecosystem ?  
 (A) Desert (B) Aquarium  
 (C) Forest (D) Grass land
10. Which is a human made environment ?  
 (A) Mountain (B) Sea  
 (C) Dam (D) Hydrosphere
11. Which is a threat to environment ?  
 (A) Growing plant  
 (B) Growing population  
 (C) Growing Crops  
 (D) Growing Forests
12. Match the following :  
 (i) Biosphere  
     (1) Blanket of air surround earth  
 (ii) Atmosphere  
     (2) Domain of water  
 (iii) Hydrosphere  
     (3) Our surroundings  
 (iv) Environment  
     (4) Narrow zone where land, water & air interact.
- Options :  
 (A) i-1, ii-4, iii-3, iv-2  
 (B) i-4, ii-1, iii-2, iv-3  
 (C) i-1, ii-2, iii-3, iv-4  
 (D) i-4, ii-3, iii-2, iv-1
13. On which day World Environment day is celebrated ?  
 (A) 5 June (B) 6 June  
 (C) 7 June (D) 8 June
14. It is a trade in which goods are exchanged without the use of money –  
 (A) Bilateral system  
 (B) Barter system  
 (C) Eco system  
 (D) Monetary system
15. Which domain exists between 5 miles above & 5 miles below sea level ?  
 (A) Lithosphere (B) Hydrosphere  
 (C) Atmosphere (D) Biosphere
16. Which among the following statement is incorrect ?  
 (A) Landforms are found on ocean floor  
 (B) Lithosphere provide us grazing land  
 (C) The gravitational force of earth hold the atmosphere around it  
 (D) All plants, animals & human being do not depend on their immediate surroundings
17. It is a system formed by the interaction of all living organism with each other –  
 (A) Barter System (B) Ecosystem  
 (C) Aquatic system (D) Marine system
18. Read the following statements –  
 (1) Human being modify natural environment  
 (2) The world of non-living elements is abiotic  
 (3) The world of living organisms is biotic  
 Which is/are incorrect ?  
 (A) 1 (B) 2  
 (C) 3 (D) None of the above

#### Q.6 ANSWER THE FOLLOWING QUESTIONS

1. Explain the major components of environment.
2. Why do the humans want to change or modify the environment ?
3. How is lithosphere helpful to the human beings ?
4. What is the main work of the atmosphere ?
5. The actual degradation of the environment is due to human activities. Give reason.
6. Why should we maintain a balance between the natural and the human environment?
7. Why is it essential for us to protect our environment ?
8. The existence of biosphere has made the earth a unique planet. How ?

