

Class-7th
geo. ch-1

DATE: / / 20
PAGE No

Que 1. What is an ecosystem?

Ans. The system formed by the interaction of all living organisms with each other and with the physical and chemical factors of the environment in which they live all linked by the transfer of energy and material is called an ecosystem.

Que 2. What do you mean by natural environment?

Ans. The basic components and organisms that are naturally present in the environment, without any human involvement like the land, water, air, plants and animals comprise the natural environment.

Que 3. Which are the major components of the environment?

Ans. Components of the environment are following:-

1) Natural Components - Air, water, land

- (ii) Human Components:- family, community, Religion etc
(iii) Human made Components - Building, Parks, Roads etc.

Que 4. Give four examples of human made environment.

Ans. Four example of human made environments are building, parks, industries, and roads.

Ques 5. What is lithosphere?

Ans. The hard top layer of the earth is called the lithosphere. It is made up of rocks and minerals and covered by a thin layer of soil.

Que 6. Which are the two major components of the biotic environment?

Ans. Plants and animals are the two major components of the biotic environment.

Que 7. What is biosphere?

Ans. Biosphere is the narrow zone of earth where land, water and air interact with each other to support life. The plant and animal kingdom together form the biosphere.

Give Reasons:-

Que 7. Man modifies his environment.

Ans. Man modifies his environment to fulfill his basic needs, as it is the basic life support system. He builds houses to live in and industries to work in which modifies the environment and also its mineral wealth.

(ii) Plants and animals depend on each other.

Ans. Plants and animals are interdependent on each other because plants are the producers and animals are the consumers.

Plants release oxygen in the atmosphere, which is inhaled by human beings and human exhale carbon dioxide, which helps plants in producing their own food.



1. Answer the following questions.

- (i) What is an ecosystem?
- (ii) What do you mean by natural environment?
- (iii) Which are the major components of the environment?
- (iv) Give four examples of human made environment.
- (v) What is lithosphere?
- (vi) Which are the two major components of biotic environment?
- (vii) What is biosphere?

2. Tick the correct answer.

- (i) Which is not a natural ecosystem?
(a) Desert (b) Aquarium (c) Forest
- (ii) Which is not a component of human environment?
☒ (a) Land (b) Religion (c) Community
- (iii) Which is a human made environment?
(a) Mountain (b) Sea ☒ (c) Road
- (iv) Which is a threat to environment?
(a) Growing plant
☒ (b) Growing population
(c) Growing crops

3. Match the following.

- | | |
|-------------------|---|
| (i) Biosphere | (a) blanket of air which surrounds the earth |
| (ii) Atmosphere | (b) domain of water |
| (iii) Hydrosphere | (c) gravitational force of the earth |
| (iv) Environment | (d) our surroundings |
| | (e) narrow zone where land water and air interact |
| | (f) relation between the organisms and their surroundings |

4. Give reasons.

- (i) Man modifies his environment
- (ii) Plants and animals depend on each other

5. Activity.

Imagine an ideal environment where you would love to live. Draw the picture of your ideal environment.