

# WORKSHEET 1,Class 7<sup>th</sup>, Geography

## Chapter 1,S.St.

A .Answer these question:-

Question 1 What is environment?

Answer:- Environment is the surroundings of an organism, an object or a community .It varies from place to place.

Question 2 Define biosphere. Also draw its diagram.

Answer:- The biosphere is the narrow zone of contact between land( lithosphere),water (hydrosphere) and air (atmosphere) where life forms exists. All living organisms found on earth are part of biosphere. (DRAW THE DIAGRAM FROM PAGE NO.6, BIOSPHERE THE SPHERE OF LIFE).

Question 3 Name the four main spheres of environment.

Answer:- The four main spheres of environment are as follows:-

- 1.Lithosphere
- 2.Hysrosphere
- 3.Atmosphere
- 4.Biosphere

Question 4 What is an ecosystem?

Answer:- An ecosystem is a community of living things and non living components that work together.

Question 5 Give examples of biotic and abiotic components of environment.

Answer:- Examples of biotic components are plants, animals and human beings etc.

Examples of abiotic components are land soil and air etc.

B. Choose the correct answer :

1. Water vapour

2. hydrosphere

3. factories

C. Give one word for following:-

1. Biosphere

2. Abiotic/Physical

3. Lithosphere

4. Carnivores

5. Man made environment

D. Fill in the blanks with the appropriate word:-

1. Abiotic

3.Land

4.hydrosphere and atmosphere

5.Herbivores

E.Distinguish between the following:-

1.Physical environment-

The physical components of the environment are the non living things, such as soil, water, rocks, etc. These are often referred to as abiotic factors.

Biological environment- The biological components of the environment are the living organisms, such as animals, plants, bacteria, fungus, etc. These are often referred to as biotic factors.

2.Atmosphere and Hydrosphere

Atmosphere -It is the thin layer of air that surrounds the earth. It is a mixture of different gases and surrounds earth like a thin blanket of air. It protects us from harmful solar radiation like ultraviolet Rays and scorching heat of the sun.

Hydrosphere- All water bodies of the earth together form hydro sphere. All forms of precipitation like ice,snow, rain etc.are also part of hydrosphere.

Hydrosphere is

essential for the support of life on the earth. About 70% of the earth surface is covered with water and most of it is in the oceans.

### 3.Autotrophs and Heterotrophs

Autotrophs- The autotrophs produce their food directly from the environment e.g. plants. Autotrophs are also called producers.

Heterotrophs- The heterotrophs cannot produce their food directly from the environment e.g. animals, humans. Heterotrophs are also called consumers.