2. : Natural resources : Land, Soil and Water

Class : VIII Sub.: Geography

[A]. Type of questions : Fill in the blanks :-

1. Land covers about **29%** of the total surface area of the earth.
2. Water covers about **71%** of the total surface area of the earth.
3. **Humus** is the organic component of soil.
4. **33%** of the world should be under forest to maintain ecological balance.
5. At present, only **31%** area of the earth is covered by forest.
6. **Suriname** has the maximum forest cover in the world.
7. **India** has the maximum arable land in the world.
8. The **lava rock** is the parent rock of the black soil.
9. Soil is formed by the process of **weathering**.
10. **Topography** or relief affect the thickness of a soil cover.
11. **Time** gives maturity to the soil.
12. **Temperature** and **rainfall** are the factors of climate.
13. The rocks are quickly weathered in areas of high rainfall and **extreme temperature**.
14. **Crop rotation** helps to restore soil fertility.
15. **Hydrological** cycles makes water renewable resource.
16. **Terrace farming** and **contour ploughing** help to reduce soil erosion in the mountain regions.

[B]. Definition of then terms :-

Soil : The thing layer of broken rock particles at the top of the Lithosphere is called soil.

Humus : The decomposed parts of plants and animals mixed in the soil is called humus.

Land use pattern : The use of land for various purposes is called land use pattern.

Parent rock : The original rock from which soil is formed is called parent rock.

Weathering : The process of rocks into smaller particles is called weathering.

Soil erosion : The removal of the top layer of the soil is called soil erosion.

Soil conservation : The prevention of soil from being eroded is called soil conservation.

Terrace Farming : The level steps are constructed on the hills to grow crops. This is called terrace farming.

Contour Ploughing : Ploughing parallel to the contour lines on the hills is called contour ploughing.

Rain water harvesting : The methods of saving surface runoff is called rain water harvesting.

Hydrological cycle : The continuous movement of water between the Lithosphere, hydrosphere and atmosphere is called hydrological cycle.

Drip irrigation : Direct supply of small quantity of water at the plant roots is called drip irrigation.

Sprinkler irrigation : Spraying water on the plants like rain is called sprinkler irrigation.