

1) Why human beings are called the ultimate (best) resource on the Earth?

A- Human beings can explore, develop and convert the natural resources into useful goods as per the abilities and demands.

2) Natural Abiotic resources are inorganic in nature and constitute minerals, rocks, soils, etc.

3) Name the term given to the resources that are drawn from nature and used without much modification

A- Natural Resource

4) Match :-

**A**

**B**

- |                        |   |  |
|------------------------|---|--|
| (i) Resources          | • | (a) A <del>re</del> newable source of energy |
| (ii) Windmill          | • | (b) Human-made resource                      |
| (iii) Plants and trees | • | (c) Abiotic resources                        |
| (iv) A vehicle         | • | (d) Utility                                  |
| (v) Rocks and minerals | • | (e) Biotic resources                         |

5) a) Air is a ubiquitous resource since it ~~is~~ is found everywhere.

b) Physical factors affecting the presence of a localised resource are climate, terrain and altitude.

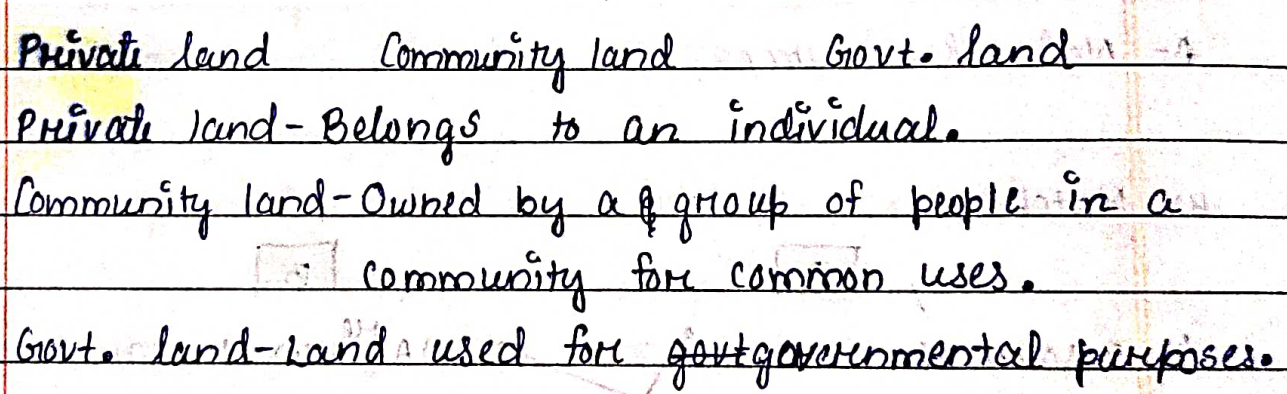


c) Using resources carefully and giving them time to get renewed is called renewable resource.

d) An actual resource today might have been a potential resource some time ago.

e) Classify land on basis of ownership.

A- Land on basis of ownership



f) How is land being degraded? Suggest methods to conserve land resource.

A- Land degradation refers to the decline of productivity of cultivated land.

Factors responsible for land degradation :-

Deforestation

Overgrazing

Concretisation



Methods for conserving land resource :-

Afforestation

Controlled mining

Planting of shelter belts

Regulated use of fertilisers

8) Describe State methods of soil conservation.

A- \* Mulching

\* Terrace farming

\* Contour bunding

\* Intercropping

\* Plugging

9) Mention ways in which energy can be saved at home.

A- \* Switching of lights and fans when not in use?

\* Use solar panels

\* Less use of LPG gas

\* Using pressure cookers while cooking

\* Using energy efficient devices like light bulbs

10) What is Hydel power?

A- Water from rivers and rains is stored in dams. This water falls from great heights onto turbine blades making the blades rotate. The rotating blades then turn the generator to produce electricity. This is called hydel power.