

RESOURCES

What are resources?

A resource is anything that can be used to satisfy human wants.

- Things which are present in the environment and which humans use directly.
- Things which humans transform into usable materials to satisfy their needs.

Resources can be broadly classified into :

- Natural Resources
- Human Resources
- Human-made Resources

Natural Resources:

Resources derived from nature are called natural resources. For ex: Air, water, sunlight, soil, minerals, natural vegetation and wildlife.

- BIOTIC RESOURCES include all living organisms on the ~~Earth~~ Earth.
- ABIOTIC RESOURCES are non-living substances used by human beings.
- ACTUAL OR DEVELOPED RESOURCES are resources that have already been developed, and which are currently being used.
- Potential resources are those resources that could be of use in the future due to ~~the~~ breakthroughs in technology or changing circumstances.
- Renewable resources are those that get regenerated or replenished rapidly.
- Non-renewable resources are those resources that cannot be replenished or renewed.
- Ubiquitous resources are resources that are found everywhere.

- localised resources are those that are unevenly distributed across the world and are only found concentrated in certain regions.

HUMAN-MADE RESOURCES

Human-made resources are those that humans create using technology and skills. In this process, natural substances are transformed into useful products.

HUMAN RESOURCES

Human resources consists of people. All other resources get meaning and value based on the needs and requirements of human beings.

- Sustainable development can be defined as, development that meets the needs of the present without compromising the ability of future generations to meet their own needs.
- The careful and prudent utilisation of resources with future needs in mind, and preventing the depletion

of the same by giving time for it to regenerate or get renewed, is called conservation of resource.

Exercises

1. Tick the correct answer.

1. Discovery of this led to cooking

a) water ✓ b) fire c) soil

2. Which of these is a human-made resource?

a) fruits b) minerals ✓ c) refrigerator

3. We should use resources

✓ a) optimally b) indiscriminately c) lavishly

11. Name the following.

1. ~~Any~~ Any three practices that conserve resources

Sol: * Plant trees.

* Use the only amount of coal needed.

* Reusing plastic bags and shopping bags.

2. Any two natural resources

Sol: Airy fruits

3. Any two uses of water.

Sol: Cooking, Cleaning

4. ~~Any~~ Any two minerals found in South Africa.

Sol: Vanadium, Titanium

5. Any two things a student can do, to protect nature.

Sol: * Save ~~water~~ Water
* Plant trees

III. Distinguish between:

1. Renewable resources and non-renewable resources.

Sol: Renewable are those that get regenerated or replenished rapidly.

Non-renewable resources are those resources that cannot be replenished or renewed.

2. Potential resources and developed resources.

Sol: Potential resources are those who can be of use in the future due to certain circumstances.

Developed resources are those resources that are developed and are presently being used.

3. Ubiquitous resources and localised resources.

sol: Ubiquitous resources are those resources that can be found everywhere.

Localised resources are the resources that can be found only in certain regions.

4. Biotic resources and abiotic resources.

sol: Biotic resources are the living organisms on the Earth.

Abiotic organisms are the non-living things used by the human beings.

IV. Answer the following questions-

1. What are resources? Explain in detail.

sd: A resource is anything that can be used to satisfy human wants. It is a utility of a product or service which makes it a resource.