

St. Andrews Scots Sr. Sec. School

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Session: 2025 – 2026

(Answer Key)

Class: VI

Subject: Science

Chapter: Nature's Treasures

CHECKPOINT 1.

1. Atmosphere 2. Rain 3. Solar energy 4. Afforestation

CHECKPOINT 2.

1. False 2. True. 3. False. 4. True

PRACTICE TIME

A. Tick the correct answers.

1. (a) 2. (d) 3. (b) 4. (a) 5. (d)

B. Assertion and Reason.

1. (b) 2. (d). 3. (c)

C. Fill in the blanks

1. Conservation. 2. Groundwater. 3. Granite 4. Natural gas 5. Renewable

D. Very short answer type questions.

1. Water Conservation
2. The water that is found between the layers of hard rock of the earth's crust is called groundwater.
3. Solar energy is used to dry clothes, grains, etc.
4. Minerals are natural elements or compounds that are found in the earth's crust.
5. Those resources which cannot be replenished in reasonable time, if exhausted, are called nonrenewable resources.

E. Short answer type questions.

1. Air is useful to us as follows:

- Oxygen gas of air is used for respiration.
- Oxygen gas of air is used to burn fire.
- Moving wind is used to generate electricity using windmills.

2. Problems caused due to water scarcity are as follows

- People do not have sufficient quantity of fresh water to drink.
- Crop yield reduces as crop plants do not grow properly.

3. We need to conserve fossil fuels because these are non renewable natural resources which cannot be replenished in reasonable time, if exhausted. Fossil fuels take millions of years to form and hence, are found only in limited amounts.

4. (a) Marble is used to make statues, buildings, flooring, etc.

(b) Granite is used to make statues, monuments, kitchen slabs and for flooring.

5. Important benefits of forests are:

(a) Forests provide clean and fresh air to breathe and maintain balance of oxygen and carbon dioxide in air.

(b) Forests provide timber, medicines, gum, resin, spices, paper wood, etc.

F. Long answer Type Questions:

1. Measures for forests conservation are as follows :

- Protection of forests from being cut.
- Preventing forest fires.
- Reducing dependence on forest products such as firewood, timber, paper wood, plywood, etc.

2. Various ways to conserve water are as follows:

- Turning off taps when not in use.
- Repairing leaky taps immediately.
- Avoiding flushing the toilets unnecessarily.
- Using a bucket and a mug for bathing instead of using a shower.
- Avoiding over-watering of plants.

3. Petroleum was formed from the organisms that lived in water and got buried under ocean or river sediments millions of years ago. The heat, pressure and bacteria acted upon them and a thick oily liquid called petroleum was formed.

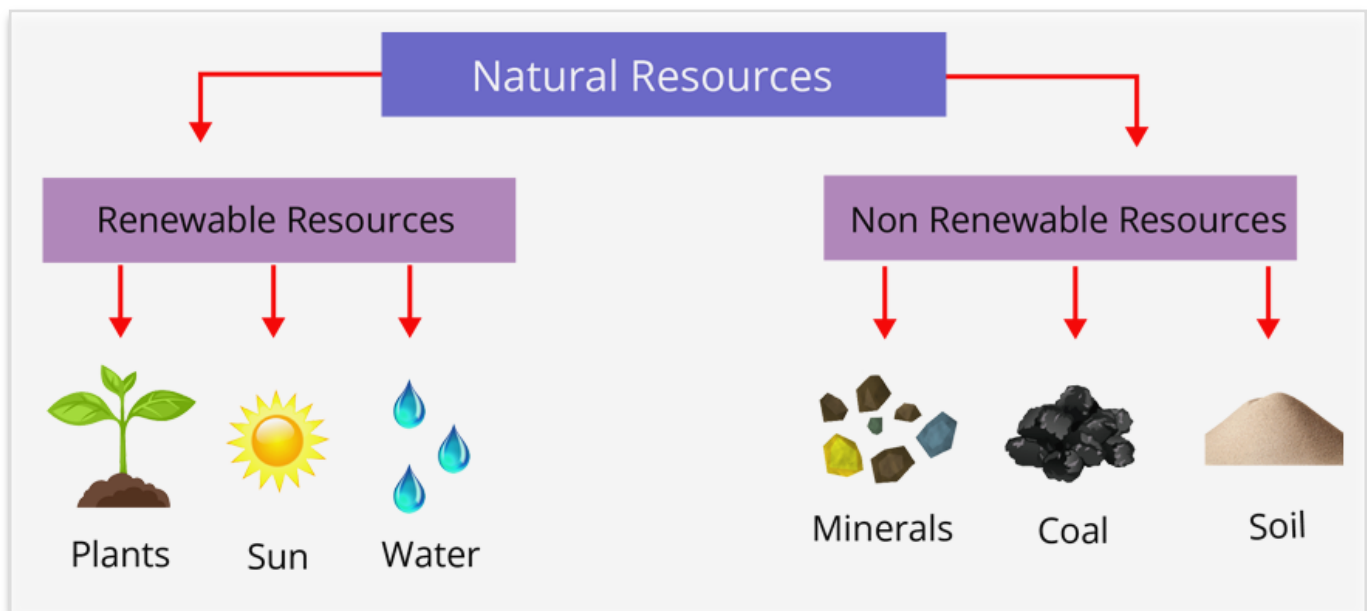
Petroleum is used to get various useful components like petrol, diesel, kerosene, lubricating oil, wax, medicinal oil, etc.

- Petrol, diesel and kerosene are used as fuels in automobiles, factories, etc.
- Lubricating oil is used in machines and automobiles.
- Wax is used to make various cosmetic products and candles.
- Medicinal oil is used to prepare certain medicines.

4. The resources which can be replenished naturally over time and are sustainable if managed properly are called renewable resources, whereas those resources which cannot be replenished in reasonable time, if exhausted, are called nonrenewable resources.

Forests, water, solar energy and wind energy are renewable resources while fossil fuels, minerals, etc., are nonrenewable resources.

The nonrenewable resources should be used judiciously because these are found in limited amount and if exhaust, these will not be formed in hundreds or thousands of years.



G. HOTS Questions

1. A windmill is a device (machine) that is used to harvest wind energy. A windmill works

by using the energy of wind to rotate its blades. It uses a renewable natural resource (wind) to generate energy.

2. Both renewable and nonrenewable natural resources are being used in this picture. Water is useful for plants as it helps them to grow, whereas water sprinkler made of metal is useful to sprinkle water on the plants which avoids wastage of water.

3. Running of automobiles, factories, production of electricity in thermal power plants, etc., are possible due to presence of fossil fuels.

4. Ways to restore nonrenewable resources are as follows:

- We should not overuse and misuse these resources.
- We should avoid mismanagement and wastage of these resources.
- Use alternative resources which are of renewable nature.

If nonrenewable resources would get exhausted, we would have to depend on other resources for our various daily needs.