

**SESSION NO.: 9**

**CLASS: 5**

**SUBJECT: SCIENCE**

**CHAPTER NUMBER: 7**

**CHAPTER NAME: ROCKS AND MINERALS**

**SUB TOPIC: LONG Q & A**

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**CHANGING YOUR TOMORROW**

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## A. Tick the correct answer.

1. The base of plains, mountains and ocean beds is
  - a. Metamorphic rocks
  - b. Sedimentary rocks
  - c. Igneous rocks
  - d. None of these
2. This is not a main mineral of granite.
  - a. Quartz
  - b. Calcite
  - c. Mica
  - d. Feldspar
3. The traces of ancient plants and animals found in rocks are called
  - a. Vessels
  - b. Fossils
  - c. Tonsils
  - d. None of these
4. This is formed from trees and other plants which died millions of years ago.
  - a. Sandstone
  - b. Coal
  - c. Granite
  - d. Slate
5. Which of the following is obtained from petroleum and is used for making candles and waterproof cartoons?
  - a. Coal
  - b. Pumice
  - c. Marble
  - d. Paraffin wax

## B. Write T for true and F for false.

1. Precious metals like gold and silver are used for making utensils. **False**
2. Asia has more than one-third of the world's coal. **True**
3. Fossil fuel and black gold or some other names of coal. **False**
4. Dentist use powdered pumice for polishing our teeth. **True**
5. Shale is used as an ornamental rock. **False**

## D. Answer these questions.

### 1. How are igneous rocks formed?

Ans: Igneous rocks are formed by the cooling and hardening of hot liquid rock material.

- The hot liquid rock that lies in huge underground pockets of the earth is called magma.
- The hot material is pushed upward by the pressure of other rocks.
- Some of it cools and hardens below the surface of the earth while some flows out on the Earth's surface and then hardens to form igneous rocks.
- The magma that reaches the surface is called lava.

## D. Answer these questions.

### 2. What are ores? Name any four common ores.

Ans: Ores are the rocks which are rich in minerals and these minerals can be profitably obtained from these ores.

Four common ores are haematite, bauxite, pyrite and calamine.

### 3. Why are coal and petroleum important to man?

Ans: Coal and petroleum are important to man because:

- They are used as fuel.
- They provide us with a great amount of energy.
- They are used in the production of electricity and running of vehicles.
- Petroleum is used for making lubricating oil, printing ink and medicines.
- Paraffin wax or paint from petroleum is used to make candles, waterproof cartoons and polish.
- Coal is used for heating homes and buildings.

## D. Answer these questions.

### 4. Why is petroleum called a fossil fuel?

Ans: Petroleum is formed from the dead remains of ancient land and sea creatures. Millions of years ago the dead remains of these living things got buried in layers and gradually changed into oil and gas. This is the reason why petroleum is called a fossil fuel.

### 5. Write 2 uses of limestone.

Ans:Limestone is used for:

- making bricks and glass.
- separating pure metals from their ores.

READY FOR A  
**QUIZ ?**

<https://create.kahoot.it/share/rocks/19cb76e0-7890-4c7a-a414-985acea7128d>

# HOMEWORK

**Do- Can you name them? given in page no.64**

# LEARNING OUTCOME

**The learner will be able to:**

- **Write the questions and answers.**

**THANKING YOU  
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