

**PARAGON CONVENT SCHOOL,**

**SECTOR : 24 B, CHANDIGARH**

**CHAPTER-5**

**ROCKS AND MINERALS**

**MCQs. Page no. 47**

1. A
2. B
3. B

**MCQs. Page no. 49**

1. B
2. A
3. A

**EXERCISES**

**SECTION- A**

**Oral Questions:**

Q1.- How are metamorphic rocks formed?

Ans.- When igneous or sedimentary rocks are subjected to immense heat or pressure inside the earth its mineral content changes and these changed rocks are called metamorphic rocks.

Q2.- What is magma?

Ans.- The hot molten Rock inside the earth is called magma.

Q3.- What type of rock is pumice?

Ans.- Pumice is a type of igneous rock.

Q4.- What do you understand by the term “lava”?

Ans.- When a volcano erupts magma flows out. The magma that reaches the surface of the earth is called Lava.

**Science Quiz.**

Q1.- Name three types of rocks.

Ans.- Igneous, sedimentary and metamorphic rocks.

Q2.- Name an alternate source of energy.

Ans.- Solar energy, wind energy and water energy.

Q3.- Which liquid is called 'black gold'?

Ans.- Petroleum

## **WORKSHEET**

### **MCQs:**

1. C
2. B
3. C

### **Fill in the blanks:**

1. Marble
2. Minerals
3. Ores
4. Magma
5. Gneiss

### **State True/False**

1. F
2. T
3. F
4. F

**Identify the following pictures and write the name of the rocks from which they are made:**

1. Taj Mahal (Marble)
2. Red Fort (sandstone)
3. Mount Rushmore (Igneous Rocks)

## **SECTION- B**

### **MCQs.**

1. C
2. C

**Very short answer questions:**

Q1.- Write two examples of sedimentary rocks.

Ans.- Shale, limestone

Q2.- Write two examples of metamorphic rocks.

Ans.- Marble, slate

**Short answer questions:**

Q1.- Name two minerals and write one use of each.

Ans.- A) Hematite : Hematite is the ore of iron. Iron can be extracted from it.

B) Bauxite : It is the ore of aluminium means aluminium can be extracted from it.

C) Copper pyrite : Copper can be extracted from it.

Q2.- How is coal formed?

Ans.- Due to high temperature and pressure inside the earth, the remains of plants buried millions of years ago change into coal.

Q3.- Ramesh asks his mother to cook food in solar cooker.

A) Why does Ramesh encourage his mother to use solar cooker?

B) What do we learn from this?

Ans.- A) Ramesh encourage his mother to use solar cooker because it uses a solar energy and helps in conservation of fuel and prevent pollution.

B) We learn to be environment friendly and conserve our natural resources.

**Long answer questions:**

Q1.- What are igneous rocks? Name three types of igneous rocks.

Ans.- When a volcano erupts the hot magma inside the earth flows out onto the surface of the earth and is termed as lava. Rocks formed due to cooling and solidification of lava are called igneous rocks.

Types of igneous rocks are : Basalt, granite, pumice and obsidian.

Q2.- How is petroleum formed? Name the products we get from petroleum.

Ans.- Petroleum was formed when small plants and animals got buried under the sea millions of years ago. These dead bodies were converted slowly into petroleum due to high temperature and pressure. Petroleum is the dark coloured thick crude oil. We get LPG, CNG, petrol, diesel and kerosene from petroleum.

**DIAGRAMS:**

1. Formation of igneous rocks. Page no. 44
2. Formation of sedimentary rocks. Page no. 45
3. Formation of metamorphic rocks. Page no. 46
4. Formation of coal. Page no. 48