

Name: .....

Class: 3/.....

Read the text carefully and answer the questions.

### **VOLCANOES**

What do you know about volcanoes? Here are some of the most frequently asked questions about them.

#### **What are volcanoes?**

A volcano is a mountain or hill with an opening through which steam, gases and lava from the centre of the Earth can escape into the air.

#### **What is lava?**

Lava is red-hot rock comes to the Earth's surface through the volcano. It has a temperature of about 1,000°C – ten times hotter than boiling water! Lava can move as fast as 55kph... faster than most animals can run.

#### **How many volcanoes are there in the world?**

There are about 850 active volcanoes in the world. About sixty percent are in an area called the Ring of Fire in the Pacific Ocean. The largest active volcano is Mauna Loa on the island of Hawaii.

#### **What's the difference between 'active' and 'extinct' volcanoes?**

An active volcano can erupt at any time. Extinct volcanoes are volcanoes that have stopped erupting.

#### **What happens when they erupt?**

A volcano erupts when there is a violent escape of gases and lava from the volcano. In 79 AD, Mount Vesuvius in Italy erupted, destroying the Roman city of Pompeii. The worst volcanic disaster in the twentieth century was in Martinique, a French island in the Caribbean Sea. A volcano called Mount Pelée near the town of St Pierre erupted on the morning of 8<sup>th</sup> May 1902. Of the 30,000 people in St Pierre, just two survived.

#### **Can we predict when a volcano is going to erupt?**

Nowadays, scientists usually know when a volcano is going to erupt. In 1991, the Pinatubo volcano, 100 kilometers northwest of Manila in Philippines, began one of the largest eruptions of the twentieth century. Thanks to the scientists' warnings, more than 100,000 people left the area before the volcano erupted on 15<sup>th</sup> June.

### **COMPREHENSION**

#### **I. Complete the notes below with the right information from the text. (6pts)**

1. Temperature of lava \_\_\_\_\_
2. Speed at which lava can move \_\_\_\_\_
3. Number of active volcanoes in the world \_\_\_\_\_
4. Percentage of volcanoes which are in the Ring of Fire \_\_\_\_\_
5. Date when Mount Vesuvius erupted \_\_\_\_\_
6. Number of people in St Pierre who died \_\_\_\_\_

