



# Science

Grade 7





## MINERALS AND ROCKS

Competency Level-Exhibits Knowledge on the importance of minerals and rocks as natural resources.

Write answers for the following questions by referring pages 102 to 115 in second part of the text book.

### Part I

01. What is known as a mineral?

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02. What is known as a rock?

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03. Give 2 examples for each rocks and minerals.

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04. Rocks can be divided into three categories according to the way they had been naturally formed on the earth. What are they?

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05. Explain briefly the methods of occurring above three types of rocks naturally.

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06. What is called as weathering of rock?

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07. What are the three methods of weathering of rocks?

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08. (i) Write the observation that you get when a piece of lime stone is put into a container with vinegar? (If it is difficult to find lime stones, conduct the experiment by using some egg shells)

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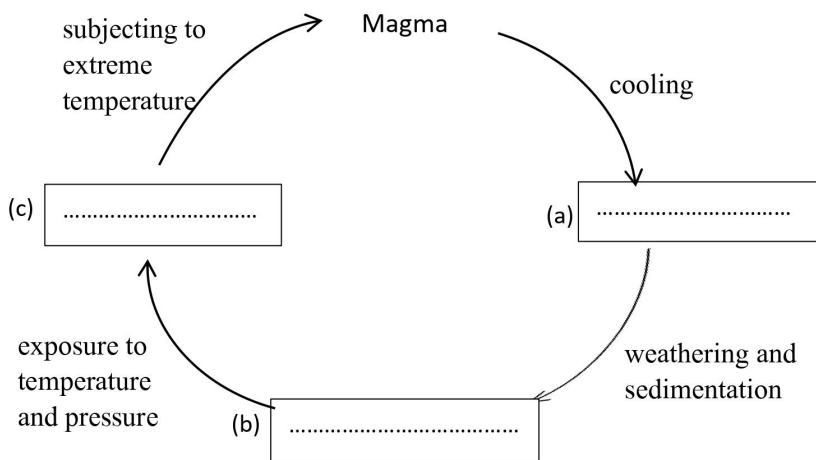
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(ii) What is the conclusion arrived by above observations?

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09. Complete the blanks in the following rock cycle.



10. Why should you need to utilize minerals and rocks in a sustainable way ?

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11. write the uses of following minerals to us

- (i) Apatite - .....
- (ii) Feldspar- .....
- (iii) Graphite- .....
- (iv) Kaolin- .....
- (v) Mica- .....

### Part II

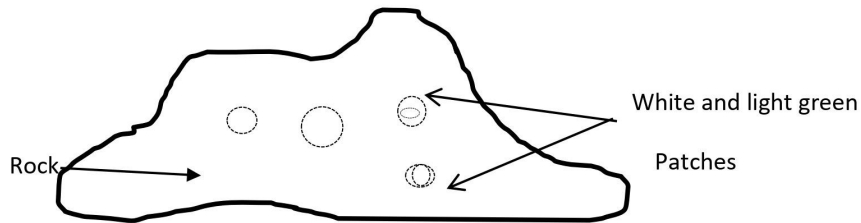
(1.) Following are some crystalline forms of different types of rocks found in the environment.



- (i) Write 2 examples for rocks that can be seen in these shapes.  
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- (ii) Crystals of these forms present in Pulmude are used to produce paints. Name that crystal.  
.....
- (iii) Write another use of this crystal.  
.....
- (iv) What should be done to these crystals to obtain greater income by exporting these types of crystals present in Sri Lanka?  
.....  
.....
- (v) Write a place that you can find the crystal that used to produce lubricants and pencils abundantly.  
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(2 White and light green patches were seen on a large rock



(i) This is a type of a patch that cause weathering of rocks. What are they?

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(ii) Write the two types of organisms present in these patches.

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(iii) What are the substances releases by these patches that cause rock weathering?

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