



Grade 07

Science

Unit : 18  
 Minerals and rocks

Part I

Underline the most suitable answer

01. Lime stone is a,  
 i. Igneous rock  
 ii. Sedimentary rock  
 iii. Metamorphic rock  
 iv. None of the above
02. Granite, an igneous rock undergoes metamorphism and formed,  
 i. Marble  
 ii. Lime stone  
 iii. Gneiss  
 iv. Sand stone
03. Stones found in streams have smooth edges and round shape because  
 i. Physical weathering has taken place  
 ii. Chemical weathering has taken place  
 iii. Weathering has taken place due to biological factors  
 iv. All of all above reasons
04. Titanium can be obtained from the mineral  
 i. Apatite  
 ii. Dolomite  
 iii. Ilmanite  
 iv. Kaoline
05. Kaoline is used in,  
 i. Paint production  
 ii. Production of manure  
 iii. Pencil production  
 iv. Ceramic industry

(2x5=10)

02 Fill in the blanks using given words.

(white marble, basalt, magma, minerals, sulphur dioxide)

- i. Liquid metals in a very high temperature are called .....
- ii. ....is an example for igneous rocks.
- iii. Changing lime stone produced .....
- iv. Rocks are destroyed due to acid rains that contains .....
- v. Crystals of .....has different geometrical shapes. (05)

03. State whether the following statements are true (✓) or false (x)

- i. Rocks and minerals are non-renewable resources. ( )
- ii. Ilmenite can be found in Eppawala. ( )
- iii. Lichens are a combination of algae and fungus. ( )
- iv. Mudstone is a metamorphic rock. ( )
- v. About 30 km below the earth's crust, the temperature is more than 5000 C0 ( )
- vi. Mica is a mineral. ( )
- vii. Physical weathering is the process of breaking the rocks into small pieces due to physical factors. ( )
- viii. Minerals are formed with a single component. ( )
- ix. Mica can be found in Pulmude. ( )
- x. Metamorphic and igneous rocks are subjected to extreme temperature and turn into magma. ( )

(2x10=20)

04. 1) Name 3 main types of rocks.

2) State 3 main ways of rock weathering.

3) Draw the rock cycle.

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4) Name the following minerals.



(a)



(b)



(c)

(10 marks)

(50 marks x2=100)



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