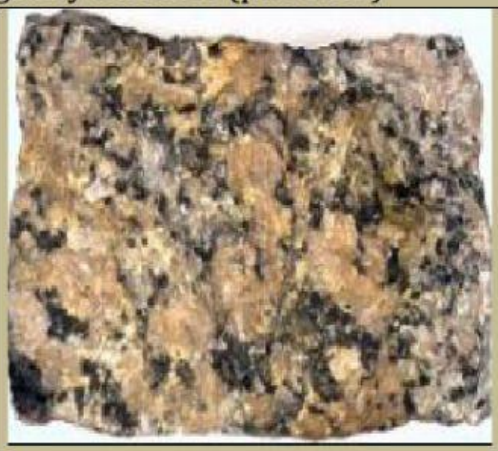
ALKHAIR SCHOOL

Science: Rocks and Minerals Revision-Grade 5

1. Geologists classify rocks into three different types based on how they are formed. What are the three types of rocks called?
   - ☐ Magma
   - ☐ Metamorphic
   - ☐ Minerals
   - ☐ Igneous
   - ☐ Sedimentary
   - ☐ Lava
2. Which rocks are formed from crystals?
   - ☐ Igneous and sedimentary rocks
   - ☐ Minerals and igneous rocks
   - ☐ Metamorphic and sedimentary rocks
   - ☐ Igneous and metamorphic rocks
3. To be classified as a mineral, a sample must have five characteristics, one characteristics is that it must
   - ☐ Be a gas
   - ☐ Be liquid
   - ☐ Man made
   - ☐ Occur naturally
4. Conglomerate is an example of which type of rock?
   - ☐ Igneous rock
   - ☐ Sedimentary rock
   - ☐ Metamorphic rock
   - ☐ Mineral
5. What turns metamorphic, igneous, and sedimentary rocks into sediments?
   - ☐ Deposition and air
   - ☐ Pressure and heat
   - ☐ Melting and cooling
   - ☐ Weathering and erosion
6. How are sedimentary rocks formed?
   - ☐ Sediments are deposited in layers
   - ☐ High temperature cause sediments to melt
   - ☐ Sediments get buried deep within the earth's surface
   - ☐ Pressure causes sediments to change

7. Sedimentary rocks are formed by
   - ☐ Compaction
   - ☐ Cooling
   - ☐ Deposition
   - ☐ heat
8. Which of the rocks shown below have a glassy texture? (put ticks)



9. When subjected to heat and pressure, shale, a sedimentary rock, turns into which type of rock?
   - ☐ Slate, a metamorphic rock
   - ☐ Limestone, a sedimentary rock
   - ☐ Coal , a sedimentary rock
   - ☐ Granite, an igneous rock
10. What rocks are formed when magma cools very slowly underground?
   - ☐ Sedimentary rocks
   - ☐ Intrusive igneous rocks
   - ☐ Extrusive igneous rocks
   - ☐ Metamorphic rock

11. What are extrusive igneous rocks?
    - ☐ Rocks formed from sediments that are pressed together and hardened
    - ☐ Rocks formed when high pressure and temperature change the properties of other rocks
    - ☐ Rocks that are formed when lava cools very quickly above ground
    - ☐ Rocks that are formed when magma cools very slowly underground
12. What are the features of intrusive igneous rocks?
    - ☐ They are made of large crystals
    - ☐ They cool very slowly
    - ☐ They cools quickly
    - ☐ They are made of tiny crystals
    - ☐ They are found on ocean floors
    - ☐ They are formed from lava
13. What rocks are formed when magma cools very slowly underground?
    - ☐ Sedimentary rocks
    - ☐ Extrusive igneous rocks
    - ☐ Metamorphic rocks
    - ☐ Intrusive igneous rocks
14. What rocks are formed when lava cools very quickly above ground?
    - ☐ Sedimentary rocks
    - ☐ Extrusive igneous rocks
    - ☐ Metamorphic rocks
    - ☐ Intrusive igneous rocks
15. Igneous rocks are formed when
    - ☐ rocks melt and then cool
    - ☐ rocks become sediments
    - ☐ rocks change their shape
    - ☐ rocks break and then form layers

16. Which of the following are examples of extrusive igneous rocks?

Granite	Basalt
Gabbro	Slate
Obsidian	Marble

17. Which of the following are examples of intrusive igneous rokcs?

Granite	Basalt
Gabbro	Slate
Obsidian	Marble

18. Which of the following are examples of metamorphic rocks?

Granite	Basalt
Gabbro	Gneiss
Obsidian	Marble

19. Which of the following are examples of sedimentary rocks?

Granite	Conglomerate
Gabbro	Gneiss
Limestone	Marble

20. which of the following rocks is used as a source of heat and to generate electricity?

Granite	Conglomerate
Gabbro	Coal
Limestone	Marble