**WELLAND GOULDSMITH SCHOOL, PATULI**

**SUBJECT-GEOGRAPHY**

**CLASS- 7**

**CHAPTER- WEATHERING AND SOIL FORMATION**

**ANSWERKEY**

1. Define rock cycle.

Ans. The continuous change of one type of rock into another type of rock under different conditions is called the rock cycle.

1. Differentiate between magma and lava.

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| **Magma** | **Lava** |
| Molten material found under the earth surface . | Molten material found on the earth surface. |

1. Identify the following rocks and classify into igneous ,sedimentary and metamorphic rocks.

Granite – igneous rocks

Quartzite – metamorphic rocks

Limestone – sedimentary rocks

Pumice – igneous rocks

Gabbro – igneous rocks

Marble – metamorphic rocks

1. Why are igneous rock called primary rocks?

Ans. Igneous rocks are formed by the solidification of the molten material from the earth’s interior so they are called primary rocks.

1. State two characteristics of the metamorphic rocks.

Ans. Two characteristics of igneous rocks are:

1. Hard and compact
2. No presence of strata
3. Fossils are not present
4. Formed due to cooling and solidification of molten material
5. Cannot be easily weathered.
6. Give the changed form of the following rocks:
7. Sandstone - quartzite
8. Limestone - marble
9. Shale - slate
10. Granite- gneiss
11. Basalt - schist
12. Coal - graphite