

Unit One Section 1.1.2

Worksheet One :

Section B

Part I : Answer the following questions as True or False

1. External forces act upon the Earth's surface from the inside.
2. Denudation refers to the lowering of land by wearing away the Earth's surface.
3. Deposition is the removal of material from the Earth's surface.
4. Weathering is a type of denudation.
5. Physical weathering changes the chemical composition of rocks.
6. Temperature changes between day and night can cause rocks to break apart.
7. Exfoliation is also known as onion skin weathering.
8. Frost action involves freezing and melting of water inside rock cracks.
9. Screes are large ice blocks formed by chemical weathering.
10. Roots of plants can enter cracks in rocks and cause them to break.
11. Animal activities do not contribute to physical weathering.
12. Denudation and deposition both contribute to shaping the Earth's surface.

Part II : Match the items in **Column A** with their correct description in **Column B**. Put the correct number from “A” in the space provided in column “B”

Column A

Column B

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|---------------------------|--|
| 1. External forces | A. The breaking of rocks without changing their chemical structure |
| 2. Denudation |B. Layers of rock peeling off due to temperature changes |
| 3. Deposition | C. Forces acting from outside the Earth’s surface |
| 4. Weathering |D. Small pieces of broken rock that collect at the base of slopes |
| 5. Physical weathering |E. The wearing away and lowering of the land surface |
| 6. Exfoliation |F. Accumulation of sediments or materials in a new place |
| 7. Frost action |G. Process where water freezes in rock cracks and breaks them apart |
| 8. Screens |H. The breakdown of rocks into smaller particles |
| 9. Plant action |I. Roots enter cracks in rocks and cause them to split |
| 10. Animal action |J. Digging or burrowing breaks up rock and soil |
| 11. Onion skin weathering |K. Another name for exfoliation |
| 12. Erosion |L. The movement of broken rock and soil from one place to another |