

Worksheet: Processes of Land Formation

Name: _____ Date: _____

Part A: Fill in the Blanks (10 Marks)

Choose the correct term from the word bank and fill in the blanks.

Word Bank:

deposition, erosion, weathering, chemical weathering, physical weathering, biological weathering, delta, canyon, sand dune, limestone cave

1. The process that involves the breaking down of rocks into smaller pieces is called _____.
2. When wind or water carries away rock particles, it is called _____.
3. The process of dropping or settling sediments in a new location is called _____.
4. A _____ is a landform formed at the mouth of a river by deposition of sediments.
5. A is often formed by river erosion cutting deep into the land over time.
6. The type of weathering caused by temperature changes and freezing water is called _____.
7. _____ involves changes in the rock's composition due to reactions with water, air, or acids.
8. _____ occurs when plants or animals contribute to the breakdown of rocks.
9. A _____ is a hill of sand formed by wind deposition, especially in deserts.
10. A _____ is created through chemical weathering, often by acidic groundwater dissolving rock.

Part B: Matching (10 Marks)

Match the *process or landform* in Column A with its *description or example* in Column B. Write the number of the correct match.

Column A

- A. Deposition
- B. Erosion
- C. Physical weathering
- D. Chemical weathering
- E. Biological weathering
- F. Weathering
- G. Sand dune
- H. Delta
- I. Canyon
- J. Limestone cave

Column B

- 1. Breakdown of rocks without movement
- 2. Wind-deposited landform found in deserts
- 3. Roots breaking rocks apart
- 4. Widening and deepening of valleys by rivers
- 5. Occurs when minerals dissolve in water
- 6. Sediment settles and forms new land
- 7. Created by wind or water carrying away rock fragments
- 8. Formed at river mouths by sediment build-up
- 9. Created by river erosion over time
- 10. Underground feature from chemical weathering