

13 Lecture - CS401

Important Mcqs

1. Which of the following is NOT an example of physical formation?

- a) Mountain formation through plate tectonics
- b) Glacier formation due to climate change
- c) Building construction by humans
- d) Erosion of rocks by water

Solution: c) Building construction by humans

Which of the following is a result of erosion?

- a) Formation of volcanoes
- b) Formation of mountains
- c) Formation of canyons
- d) Formation of caves

Solution: c) Formation of canyons

The process of lithification involves:

- a) Formation of igneous rocks from molten magma
- b) Formation of sedimentary rocks from loose sediments
- c) Formation of metamorphic rocks from pre-existing rocks
- d) Formation of minerals through precipitation from water

Solution: b) Formation of sedimentary rocks from loose sediments

Which of the following is an example of a constructive force of nature?

- a) Earthquakes
- b) Volcanic eruptions
- c) Glacial movements
- d) Deposition of sediment by wind or water

Solution: d) Deposition of sediment by wind or water

The movement of tectonic plates is driven by:

- a) Gravity
- b) Solar radiation
- c) Convection currents in the mantle
- d) Magnetic fields

Solution: c) Convection currents in the mantle

Which of the following is NOT a type of rock?

- a) Granite
- b) Sandstone
- c) Quartz
- d) Iron

Solution: d) Iron

Which of the following processes is responsible for the formation of stalactites and

stalagmites in caves?

- a) Erosion
- b) Deposition
- c) Weathering
- d) Melting

Solution: b) Deposition

The Grand Canyon in the United States was formed primarily by:

- a) Volcanic activity
- b) Erosion by wind
- c) Erosion by water
- d) Plate tectonics

Solution: c) Erosion by water

Which of the following is a type of volcano that has steep slopes and explosive eruptions?

- a) Shield volcano
- b) Composite volcano
- c) Caldera volcano
- d) Cinder cone volcano

Solution: b) Composite volcano

The process of weathering can be caused by:

- a) Chemical reactions
- b) Physical forces
- c) Biological activity
- d) All of the above

Solution: d) All of the above