



Geography

Year 9

Mid Term Exam

Note: Answer all the questions.

I. True or False.

1. A sedimentary rock forms from heat and pressure.
2. All rocks found on earth can be categorized into one of three major rock categories.
3. The transport of rock and soil by glaciers or rivers is a process known as weathering.
4. Once a sedimentary rock is metamorphosed, it may never be a sedimentary rock again.
5. The rock cycle is produced by forces inside the Earth and at the surface together with weathering and erosion.

III. Choose the correct answer and click it.

1. I have interlocking mineral crystals. What type of rock am I?
a) metamorphic b) granite c) limestone d) sedimentary
2. Metamorphic rocks form by which main process?
a) Cooling b) compaction and cementation c) heat and pressure d) all of the above
3. Rocks on the Earth's surface are gradually broken down into smaller pieces by water, ice, wind, plants and animals known as _____.
a) climate change b) Volcano eruption c) flooding d) weathering

4. Which of the following factors would increase the chemical weathering rate?

- a) increasing rainfall
- b) increasing temperature
- c) increasing organic activity
- d) all of these

5. Which type of climate will have faster chemical weathering?

- a) Hot and Wet b) Cold and Dry c) Hot and Cold d) Cold and Wet

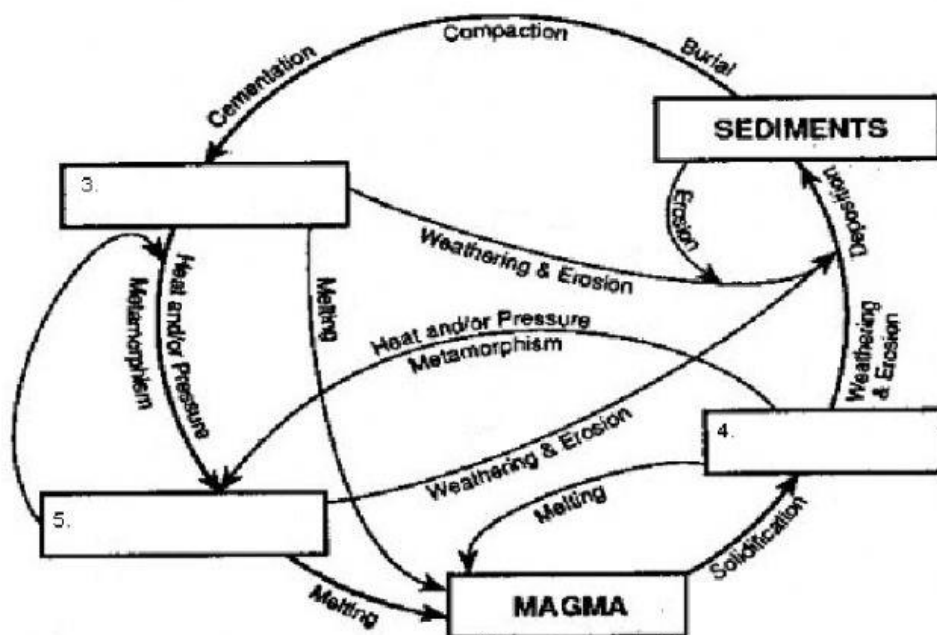
III. Reorder the 4 processes involved in the formation of a sedimentary rock:

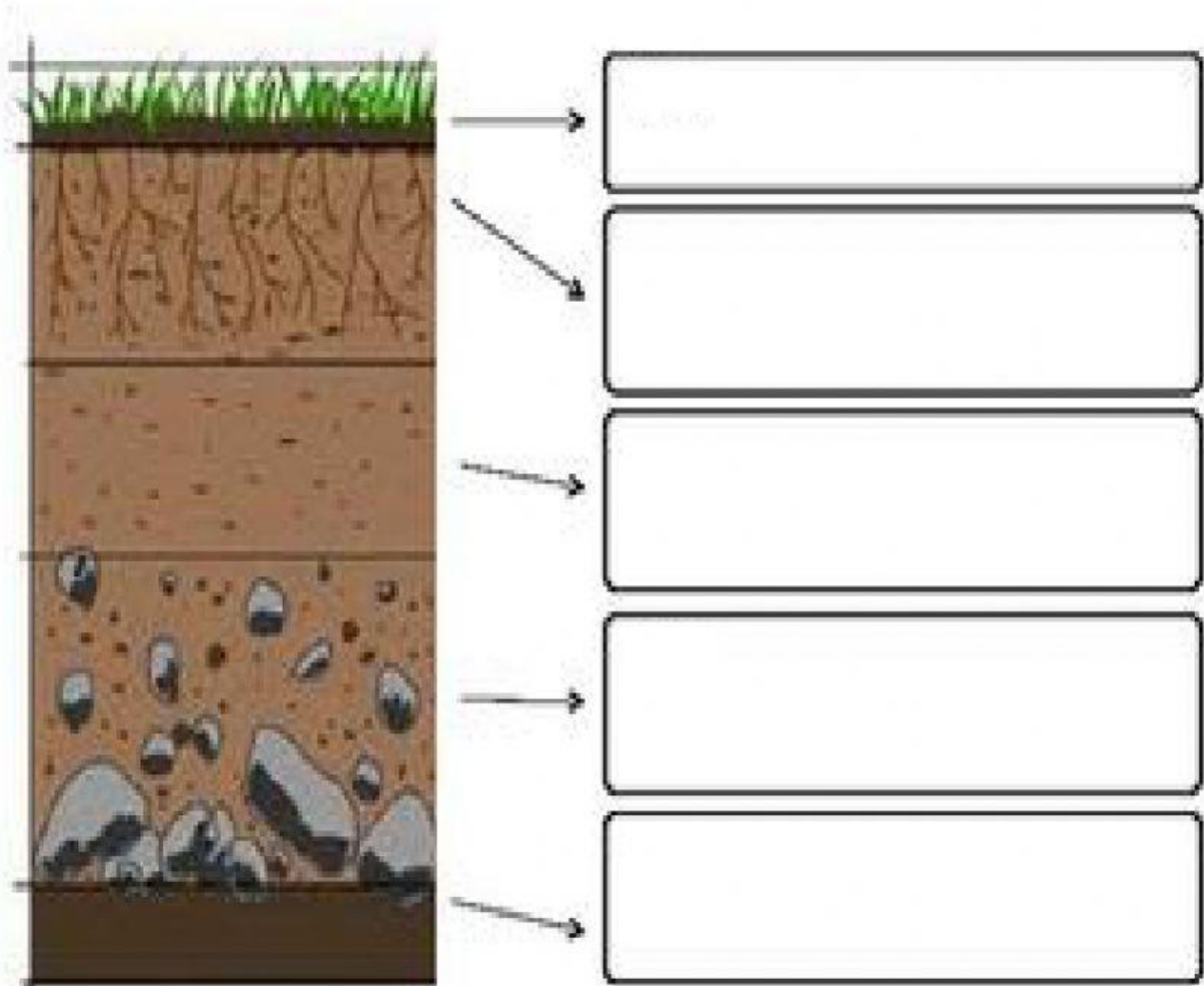
- 1. deposition 2. weathering 3. compaction & cementation 4. erosion

- 1. _____
- 2. _____
- 3. _____
- 4. _____

IV. Fill the following words *Sedimentary, Igneous or Metamorphic* in each box.

Rock Cycle in Earth's Crust



V. Label the soil profile**VI. Answer the following questions.**

1. How are igneous rocks formed?

2. Why would you tend to find lots of fossils in sedimentary rocks? Why not in other rocks?

3. What does foliate mean?

4. What is physical weathering?

5. What is chemical weathering?
