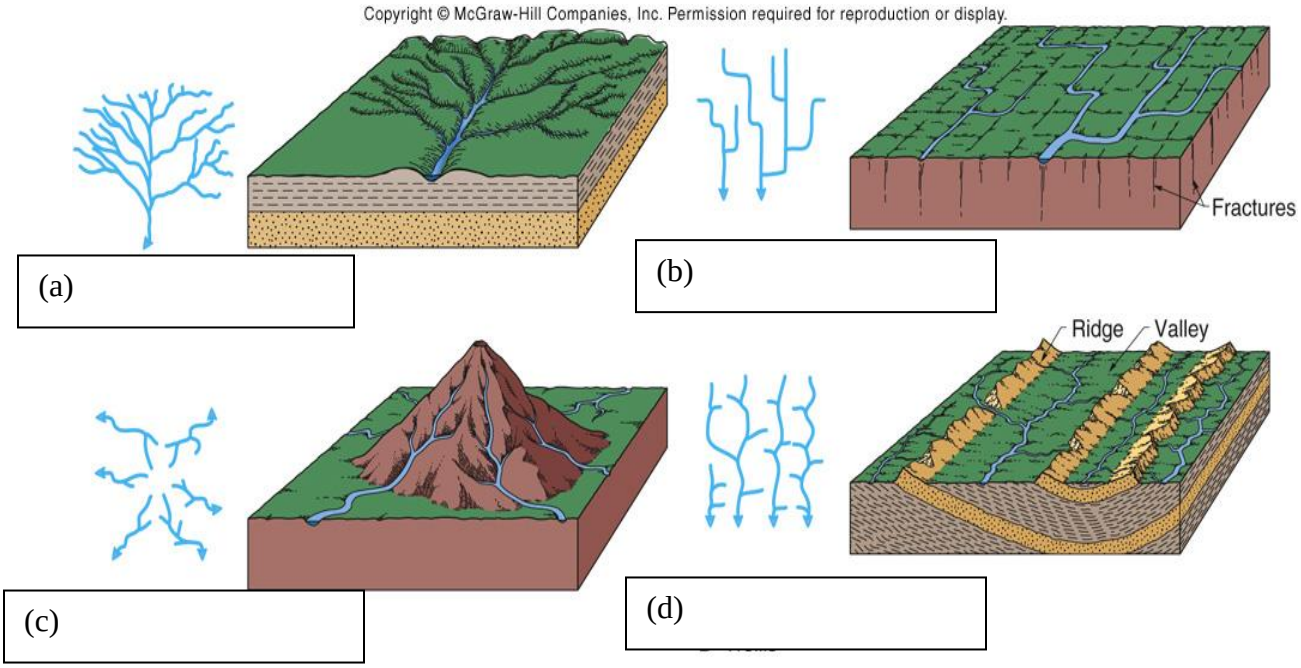
Final Practical Examination in Geomorphology 4th Year 2020

Damietta University
Faculty of Sciences
Geology Department

Q1: Identify the following drainage patterns and compare between them:



(a)

(b)

(c)

(d)

Q2: Identify and define the following:

Q3:Choose the correct answer:

1.When does marine deposition occur?

a. It occurs when the energy of moving water is increased.

b. It occurs when the energy of moving water is diminished.

Best wishes & Good luck

2. When do spits form?

a. Low discharge from estuaries encourages offshore sediment deposition.

b. High discharge from estuaries prevents offshore sediment deposition.

c. Sediments are moved by longshore currents into more shallow waters.

d. Sediments are moved by longshore currents into deeper water.

3. When do tombolos form?

a. Waves converge from two different directions on the landward side of a near-shore island.

b. Low discharge from estuaries encourages offshore sediment deposition.

c. High discharge from estuaries prevents offshore sediment deposition.

d. Erosion wears away the bottom of a tall island, leaving it as an isolated pinnacle.

4. What is the purpose of jetties?

a. They prevent beach drift.

b. They minimize beach erosion.

c. They confine the flow of a stream's outlet to a narrow channel so that velocity will be high and sediment deposition will be low

d. They prevent headward erosion of a prominent land feature (e.g., a point).

5. …… is a portion of the beach that is landward of the high-water line, ... is The portion of the beach that is regularly covered and uncovered by the rise and fall of high tides.

a. Backshore.

b. Offshore.

c. Foreshore.

Q4: Explain with drawing landforms associated with:

1. volcanic and plutonic?
2. folding?

Best wishes & Good luck