

Larbi Ben M'hidi University, Oum El Bouaghi
Faculty of Earth Sciences and Architecture
Geology Department
Geomorphology _ exam
First year Licence 2024/2025

1. What is the fluvial style in figure 1, below ? (2 Pts)

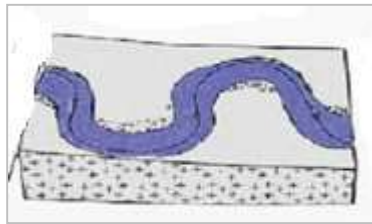


Figure 1.....

2. Relate these geomorphological and/or geological shapes to their definitions in the following table: (8 points)

Name	Definition
A reg	natural enclosed depression found in karst landscapes
A batholiths	joining two plate
Convergent boundaries	is a desert of stones
Doline	is an allochthonous pluton formed when magma is trapped and cooled within the Earth's crust
A erg	separation between two contiguous tectonic plates
The epikarst	comprises highly weathered carbonate bedrock immediately beneath the surface or beneath the soil (when present) or exposed at the surface
A torrent	is a mountain watercourse characterized by a steep slope
Divergent boundaries	a sandy desert

Continuation of the Geomorphology exam

First year Licence 2024/2025

3. Give the name of each of the following figures, bearing in mind that all the photos show a karst environment. (6 Pts)



Fig 2



Fig 3



Fig 4

4. In Algeria, what is the altitude of the highest point ? where is it ? (4pts)

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Corrected Geomorphology exam
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1. What is the fluvial style in figure 1, below ? 2 Pts)

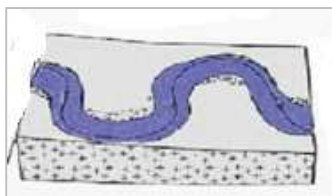


Figure 1. **Meandform – Meandering**

2. Relate these geomorphological and/or geological shapes to their definitions in the following table : (8 points)

Name	Definition
A reg (1Point)	is a desert of stones
A batholiths (1Point)	is an allochthonous pluton formed when magma is trapped and cooled within the Earth's crust
Convergent boundaries (1Point)	joining two plate
Doline (1Point)	natural enclosed depression found in karst landscapes
A erg (1Point)	a sandy desert
The epikarst (1Point)	comprises highly weathered carbonate bedrock immediately beneath the surface or beneath the soil (when present) or exposed at the surface
A torrent (1Point)	is a mountain watercourse characterized by a steep slope
Divergent boundaries (1Point)	separation between two contiguous tectonic plates

3. Give the name of each of the following figures, bearing in mind that all the photos show a karst environment. (6 Pts)



Fig 2. **Lapiaz**



Fig 3. **Chasm**



Fig 4. **Fractured limestone slab**

4. In Algeria, what is the altitude of the highest point ? where is it ? (4pts)

In Algeria, the highest point is 2918m above sea level (2pts) Mount [Tahat](#) in [South Tassili](#) in the Hoggar (2pts).

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