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Corrected Geomorphology exam
 L1 2023/2024

1. 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
<u>Convergent boundaries</u> (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
<u>Divergent boundaries</u> (1Point)	separation between two contiguous tectonic plates

2. In geology, geomorphology and physical geography, see Figure 1. (2Points)

- ① A raised compartment is a : **Horst (1Point)**
 ② A collapsed compartment is a : **Grabben (1Point)**

3. What do the numbers (1, 2 and 3) in Figure 2 correspond to? (3 Points)

1: Ridge line / watershed/ bondary line **(1 Point)**. 2: Tributary **(1 Point)**. 3: Outlet **(1 Point)**

4. The corresponding name for each number in figure 4 and the type of slope

1. Straight network. **(1Point)** 2. Braided network. **(1Point)** 3. Meandroform network. **(1Point)**

4. Anastomosed network **(1Point)**

a. Significant slope. **(0.5 Point)** b. Moderate slope. **(0.5 Point)** c. Weak (slight) slope **(0.5 Point)**

5. The name of relief : **a hill (1.5 Point)**

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