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Corrected Geomorphology exam
First year Licence 2025/2026

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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