River landforms revision booklet



Can you identify the river features/landforms shown below?



Upper Course River landforms

Upper course river landforms include:

* v-shaped valleys
* interlocking spurs
* waterfalls
* potholes

These are largely landforms of erosion, though there are other processes taking place such as weathering and mass movement.

**Exam questions:**

With the aid of an annotated diagram/s, explain the formation of a v-shaped valley (4)

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With the aid of an annotated diagram/s, explain the formation of interlocking spurs (4)

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With the aid of an annotated diagram/s, explain the formation of a potholes (4)

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Middle Course River landforms

As the course of a river approaches its middle stages it flows over flatter land. Lateral erosion dominates as the river swings in large bends known as meanders.





Re-organise these statements to explain the formation of an oxbow lake



Explain the formation of an ox-bow lake. You may use a diagram(s) in your answer (5)

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Lower Course River landforms

In its lower courses, the river is deep and wide and has a high discharge. During times of river flooding characteristic landforms are created, largely through deposition.

Explain the formation of levees and floodplain. You may use a diagram(s) in your answer (6)

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