NORTHWEST TERRITORIES PHYSICAL GEOGRAPHY 12 (MPGEO12) · UNIT C · 10 QUESTIONS

The Geosphere and Plate Tectonics — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Soil texture is determined by the proportions of sand, silt and clay in the soil, and a soil with a balanced mix of all three is often called a**

- A peat
- B loam
- C bedrock
- D till only

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2 **Humus is decomposed organic matter in soil that helps soil hold water and nutrients and gives topsoil its dark colour and**

- A acidity in all cases
- B hardness like rock
- C fertility
- D inability to support plants

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3 **Leaching in soil is the process by which water moving downward through soil carries dissolved minerals from upper layers to**

- A the atmosphere
- B the surface only
- C nearby rivers as solid rock
- D lower layers

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4 **A plateau is a landform best described as an area of high land with a relatively flat top, often bounded by**

- A steep sides or cliffs
- B ocean beaches only
- C deep river channels only
- D active volcanoes only

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5 **A plain is a landform best described as a large area of relatively flat and low lying land, often formed by deposition or by**

- A volcanic eruption only
- B erosion levelling the surface
- C glacier melting only
- D faulting upward only

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6 **A delta forms where a river enters a lake or ocean and drops its sediment load, building new land outward into the**

- A mountains
- B desert only
- C standing water
- D upper atmosphere

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7 **A canyon is a deep narrow valley with steep sides usually formed by a river eroding downward through rock over a**

- A single day
- B single storm only
- C volcanic eruption only
- D long time

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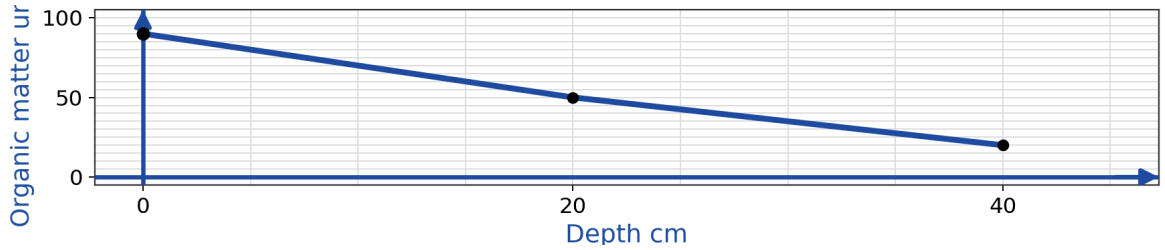
8 **The graph shows organic matter against soil depth. The organic matter value at a depth of 40 centimetres is**



A 20

B 90

C 50

D 70

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9 **The schematic map of Canada highlights Ontario. Much of Ontario lies on the Canadian Shield, an area of very old exposed rock that is important for**

A tropical farming

B mining

C coral reefs

D ocean fishing only

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10 **Glacial erosion can produce a U shaped valley, which differs from a river cut V shaped valley because the U shaped valley has a**

A narrow pointed floor only

B delta at its head

C broad flat floor and steep sides

D volcano at its mouth

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ANSWER KEY

1. B
2. C
3. D
4. A
5. B
6. C
7. D
8. A
9. B
10. C

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