NORTHWEST TERRITORIES GEOLOGY 12 (MGEOL12) · UNIT C · 5 QUESTIONS

Volcanoes, Erosion and Landscapes — Practice Test

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1 **Top-down view of a whole pepperoni pizza on a plain white plate, cut into eight equal slices, exactly one slice removed leaving a clearly empty wedge-shaped gap, seven slices remaining in place. A hot spot is a place where magma rises from the mantle independently of a plate boundary, forming**



A a chain of volcanoes as the plate moves

B a deep ocean trench

C a river delta

D a fault valley

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2 **The bowl shaped opening at the top of a volcano is called a**

A vent pipe

B crater

C caldera only

D moraine

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3 **A caldera forms when the top of a volcano collapses into an emptied**

A glacier

B ocean trench

C magma chamber

D river

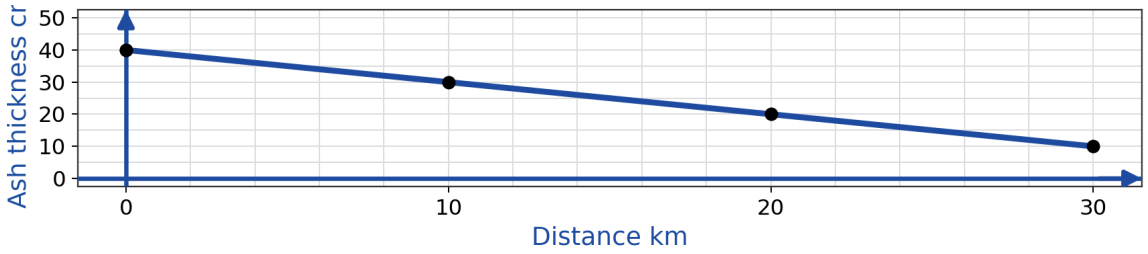
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4 **Pumice floats on water because it contains many**

- **A** iron crystals
- **B** salt crystals
- **C** clay grains
- **D** gas bubbles

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5 **The graph shows ash thickness with distance from a volcano. The ash thickness at a distance of 20 kilometres, in centimetres, is**



- **A** 20
- **B** 30
- **C** 40
- **D** 10

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ANSWER KEY

1. A
2. B
3. C
4. D
5. A

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