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When animals die, they will usually decay.

In northern Russia whole bodies of mammoths have been found in the frozen soils.

The picture below gives an example.



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1

Explain why they did not decay

[1 mark]

(Too) cold / all moisture / water frozen / no moisture / no warmth / conditions for decay are absent. [1]

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Fish fossils have been found in mudstone rock. Explain why they did not decay?

[2 marks]

(Bacteria have) no oxygen / air (because dead fish covered in mud) [1] Bones / hard parts do not decay easily [1]

Idea that material of fish replaced by minerals [1]

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Mammoths are now extinct. Suggest two reasons for this.

[2 marks]

(new) predator / humans killed them [1]

New disease [1]

New competitor / type of elephant [1]

Shortage of food / no food / ran out of prey / climate changed [1 mark]

Mammoths reproduced too slowly [1] Mammoths didn't adapt to changes [1]