

- 1 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.



Explain why they did not decay.

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

(1 mark)

- 1 (a) (i) Fish fossils have been found in mudstone rock. Explain why they did not decay?

(Bacteria have) no oxygen / air (because dead fish covered in mud) [1 mark]

Bones / hard parts do not decay easily [1 mark]

Idea that material of fish replaced by minerals [1 mark]

(2 marks)

- 1 (a) (ii) Some of the mammoths had flint weapons in their bodies

Suggest **two** things that this tells us about human evolution.

Mammoths lived at the same time as humans / there was man in these times [1 mark]

Mammoths lived in the same place as humans [1 mark]

Humans hunted mammoths / ate mammoths / were carnivorous / for fur etc. [1 mark]

Reference to later use of more advanced weapons. [1 mark]

Humans needed to protect themselves from mammoths. [1 mark]

Humans used flints / weapons / tools. [1 mark]

(2 marks)

1 (b) Mammoths are now extinct. Suggest **two** reasons for this.

(new) predator / humans killed them [1 mark]

New disease [1 mark]

New competitor / type of elephant [1 mark]

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

Mammoths reproduced too slowly [1 mark]

Mammoths didn't adapt to changes [1 mark]

(2 marks)

(Total 7 marks)

Remember, for 'suggest questions, there are often a whole range of answers that can be given. The maximum marks for the questions above are 2. The wording of your answer does not need to be exact, but must contain the idea from the mark scheme.