Answer ALL questions.
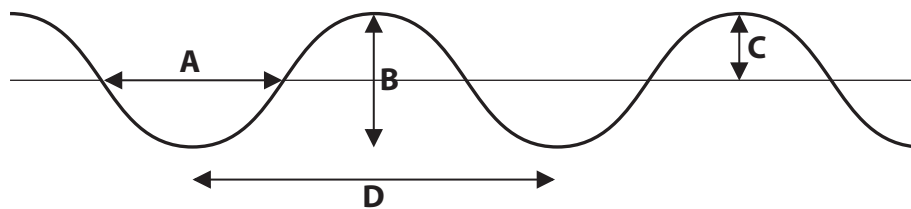
1   The diagram shows a wave on the sea.

(a) (i) Which letter shows the wavelength of the wave?

(1)

☒ **A**

☒ **B**

☒ **C**

☒ **D**

(ii) Which letter shows the amplitude of the wave?

(1)

☒ **A**

☒ **B**

☒ **C**

☒ **D**

(b) A man watches some waves pass his boat.

He sees the crest of the waves pass him every 5 s.

Calculate the frequency of these waves.

(2)

Frequency = ... Hz

(Total for Question 1 = 4 marks)