Answer ALL TWENTY THREE questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

1 A plane has a length of 73 metres.

A scale model is made of the plane.
The scale of the model is 1 : 200

Work out the length of the scale model.
Give your answer in centimetres.

cm

(Total for Question 1 is 3 marks)

2 Here are the first five terms of an arithmetic sequence.

7 11 15 19 23

Write down an expression, in terms of n, for the nth term of this sequence.

(Total for Question 2 is 2 marks)

DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA