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Instructions

Use black ink or ball-point pen.

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Fill in the boxes at the top of this page with your name, centre number and candidate number.

Answer all questions and ensure that your answers to parts of questions are clearly labelled.

Answer the questions in the spaces provided

there may be more space than you need.

You should show sufficient working to make your methods clear.

Answers without working may not gain full credit.

Inexact answers should be given to three significant figures unless otherwise stated.

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