N5

# Mathematics Paper 1

# Fill in these boxes and read what is printed below.

|  |  |
| --- | --- |
| **Full name of centre** | **Town** |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Forename(s)** | **Surname** | **Number of seat** |
|  |  |  |

|  |  |
| --- | --- |
| **Date of birth** | **Scottish candidate number** |
|  |  |

### Total marks — 50

Attempt ALL questions.

You may NOT use a calculator.

To earn full marks you must show your working in your answers.

State the units for your answer where appropriate.

Type your answers clearly in the spaces provided in this booklet. Additional space for answers is provided at the end of this booklet. If you use this space you must clearly identify the question number you are attempting.

Before leaving the examination room you must print this booklet and give it to the Invigilator; if you do not, you may lose all the marks for this paper.

# FORMULAE LIST

|  |  |
| --- | --- |
| Formula | Equation |
| The roots of  |  are  |
| Sine rule |  |
| Cosine rule |  **or**  |
| Area of a triangle |  |
| Volume of a sphere |  |
| Volume of a cone |  |
| Volume of a pyramid |  |
| Standard deviation | or |

### Total marks – 50.

# Attempt ALL questions.

## Question 1

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## Question 2

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## Question 3

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## Question 4

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## Question 5

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## Question 6

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## Question 7

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## Question 8

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## Question 9

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## Question 10

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## Question 11

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## Question 12

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## Question 13

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## Question 14

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## Question 15

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## Question 16

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# [END OF QUESTION PAPER]

**Additional space for answers**

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