MATHEMATICS HIGHER

Exam Board: Pearson EDEXCEL

Component: 1MA1

Assessment: 3 papers — 1 hour 30 minutes each

Paper 1— Friday 19th May 2023 AM - NON Calculator Paper

Paper 2—Wednesday 7th June 2023 AM - Calculator Paper

Paper 3— Wednesday 7th June 2023 AM - Calculator Paper

Read the question carefully

- Make sure you understand what the question is asking. Some questions are structured and some are unstructured called 'multi-step' questions and for these you will have to decide how to tackle the question and it would be worthwhile spending a few seconds thinking the question through.
- Make sure you understand key words. The following glossary may help you in answering questions:
 - Write down, state no explanation is needed for an answer
 - Calculate, find, show, solve include enough working to make your method clear
 - Draw plot accurately using the graph paper provided and selecting a suitable scale if one is not given. Such an instruction is usually followed by asking you to read one or more values from your graph.

Show your working and check your answers

- State units if required and give your final answer to an appropriate degree of accuracy.
- Write down the figures on your calculator and then make a suitable rounding. Don't round the numbers during the calculation. This will often result in an incorrect answer.
- Don't forget to check your answers, especially to see that they are reasonable. **The mean height of a** group of men will not be 187 metres!
- Lay out your working carefully and concisely. Write down the calculations you are going to make. You usually get marks for showing a correct method. (If you are untidy and disorganised, you might misread some of your own work and/or lose marks because the examiner cannot read your work or follow your method.)
- Remember that if all that is written down is an answer and that answer is wrong you gain no marks. Once you have finished the paper if you have any time left check the work you have done. The best way to do this is to work through the questions again.
- The number of marks is given in brackets [] at the end of each question or part question. This gives some indication of how many steps will be required to

Practice makes perfect

- Practise all aspects of manipulative algebra, solving equations, rearranging formulas, expanding brackets, factorising, etc.
- Practise answering questions that ask for an explanation. Your answers should be concise and use mathematical terms where appropriate.
- Practise answering questions with more than one step to the answer, e.g. finding the radius of a sphere with the same area as a given cone.
- Make sure you can use your calculator efficiently.
- Many revision sites have model solutions as well as video solutions.
- YOU CANNOT DO TOO MANY PAST PAPERS—ask your teacher for more paper !

www.mathsgenie.co.uk/ papers.html

MATHEMATICS FOUNDATION

Exam Board: OCR

Component: J560

Assessment: 3 papers — 1 hour 30 minutes each

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Paper 3— Wednesday 7th June 2023 AM - Calculator Paper

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