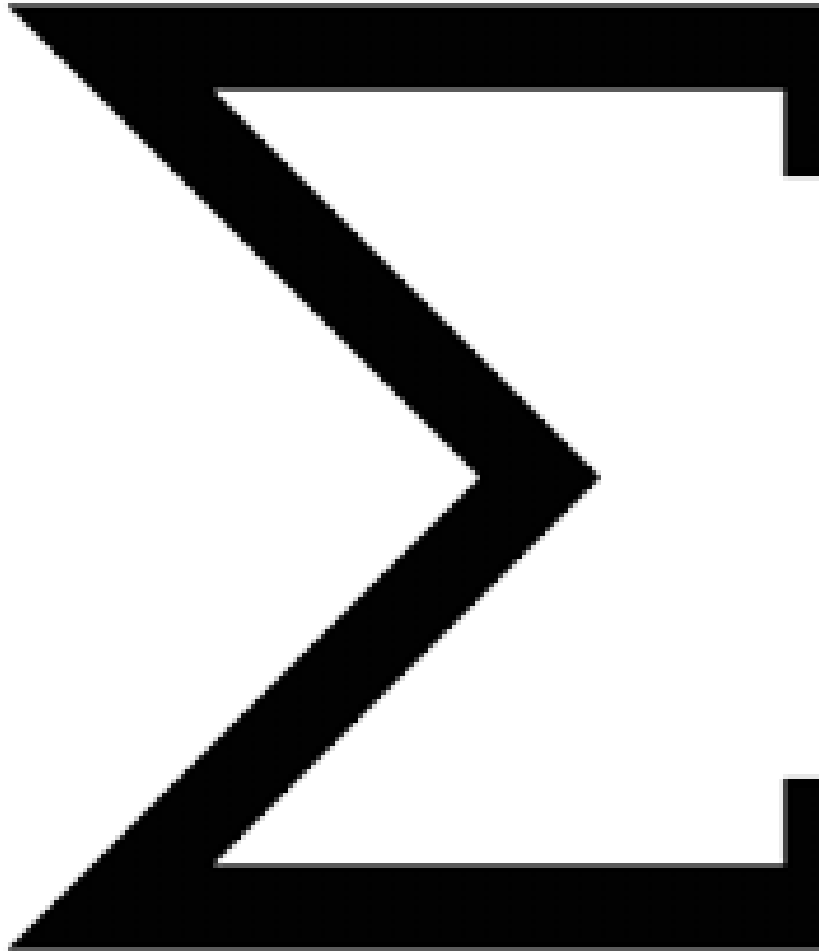


0606 IGCSE Additional Maths

Checklist

Assessment Test Prep



Prepared by:
The ReviseRoom Educator Team

Revised these following topics:

- **Chapter 1: Functions**
 - Mappings
 - Definition of function
 - Composite functions
 - Modulus functions
 - Graph of $y = |f(x)|$ where $f(x)$ is linear
 - Inverse functions
 - Graph of a function and its inverse

- **Chapter 2: Simultaneous equations and quadratics**
 - Simultaneous equations
 - Maximum and minimum values of a quadratic function
 - Graphs of $y = |f(x)|$ where $f(x)$ is quadratic
 - Quadratic inequalities
 - Roots of quadratic equations
 - Intersection of a line and a curve

- **Chapter 3: Factors and polynomials**
 - Adding, subtracting and multiplying polynomials
 - Division of polynomials
 - The factor theorem
 - Cubic expressions and equations
 - The remainder theorem

- **Chapter 4: Equations, inequalities, and graphs**
 - Solving modulus equations
 - Solving modulus inequalities
 - Graphs of cubic polynomials and their moduli
 - Solving cubic inequalities graphically

- **Chapter 5: Logarithmic and exponential functions**
 - Logarithms to base 10
 - Logarithms to base a
 - The laws of logarithms
 - Solving logarithm equations
 - Solving exponential equations
 - Change of base of logarithm
 - Natural logarithms
 - Graphs of simple logarithmic and exponential functions
 - Inverse of logarithmic and exponential functions

For better knowledge and effective revision:

- Check out the mini-drill uploaded together with this document.
- Try going for understanding of the concepts rather than memorizing formulas only.



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