

Nixor O Levels

ADMISSION TEST SYLLABUS

FOR STUDENTS APPLYING FOR ADMISSIONS TO GRADE 7

MATHEMATICS:

- Place Value
- Number System
- Factors & Multiples
- Fractions & Decimals
- Basic Percentages
- Probability
- Angles
- Area & Perimeter of Basic Shapes
- Unit Conversions
- Measurements
- Time
- Estimation & Approximation

ENGLISH:

- Comprehension
- Creative Writing
- Vocabulary

CRITICAL REASONING:

The critical reasoning test consists of questions that test your ability to analyze logical arguments, such as number, pattern and symbol sequences, pattern recognitions and formation, true and false statements and other similar logical questions.

Nixor O Levels

ADMISSION TEST SYLLABUS

FOR STUDENTS APPLYING FOR ADMISSIONS TO GRADE 8

MATHEMATICS:

- Fractions
- Factors & Multiples
- Prime Factorization
- Percentages
- LCM & HCF
- Probability (Descriptive)
- Decimals
- BODMAS/PEMDAS
- Integers
- Estimation & Approximation
- Measurements & Conversions
- Area, Perimeter & Volume of Basic 2D/3D Shapes
- Fundamental Algebra
- Ration, Rate & Proportions

ENGLISH:

- Comprehension
- Creative Writing
- Vocabulary

CRITICAL REASONING:

The critical reasoning test consists of questions that test your ability to analyze logical arguments, such as number, pattern and symbol sequences, pattern recognitions and formation, true and false statements and other similar logical questions.

Nixor O Levels

ADMISSION TEST SYLLABUS

FOR STUDENTS APPLYING FOR ADMISSIONS TO GRADE 9

MATHEMATICS:

- Fractions
- Factors & Multiples
- LCM & HCF
- Decimals
- BODMAS
- Integers
- Measurements
- Integers, Rational Numbers
- Indices & Standard Form
- Estimation & Approximation
- Fundamental Algebra
- Linear Equations
- Functions & Linear Graphs
- Area & Perimeter
- Basic Geometrical Concepts
- Ratio, Rate & Proportions
- Percentages

ENGLISH:

- Comprehension
- Creative Writing
- Vocabulary

CRITICAL REASONING:

The critical reasoning test consists of questions that test your ability to analyze logical arguments, such as number, pattern and symbol sequences, pattern recognitions and formation, true and false statements and other similar logical questions.

Nixor O Levels

ADMISSION TEST SYLLABUS

FOR STUDENTS APPLYING FOR ADMISSIONS TO GRADE 10

MATHEMATICS:

- Factors
- Roots and Cube roots
- Fractions and Decimals
- Arithmetic Problems
- Algebraic Equations & Word Problems
- Perimeter Area and Volume of Simple geometrical figures
- Ratio, Rate, Proportions
- Profit, Loss, Discount, Simple Interest
- Percentages
- Inequalities
- Standard form and Indices
- Statistics
- Linear Equations
- Polygons and Angle properties
- Number Sequence

ENGLISH LANGUAGE:

- Comprehension
- Creative Writing
- Vocabulary

CRITICAL REASONING:

The critical reasoning test consists of questions that test your ability to analyze logical arguments, such as number, pattern and symbol sequences, pattern recognitions and formation, true and false statements and other similar logical questions.

Nixor O Levels

ADMISSION TEST SYLLABUS

FOR STUDENTS APPLYING FOR ADMISSIONS TO GRADE 11

MATHEMATICS:

- Factors and Multiples
- Square and Cube Roots
- Fractions and Decimals
- Arithmetic Problems
- Number Sequence
- Algebraic Equations and Word Problems
- Quadratic Equations
- Ratio, Rate Proportions
- Percentages
- Profit Loss Discount, Simple Interest
- Indices and Standard form
- Coordinate Geometry
- Properties of Circle and Angles
- Trigonometry
- Sets and Venn Diagrams
- Statistics
- Matrices
- Linear Inequalities
- Area and Volume of Geometrical Figures
- Graphs and Identifications

ENGLISH LANGUAGE:

- Comprehension
- Creative Writing
- Vocabulary

CRITICAL REASONING:

The critical reasoning test consists of questions that test your ability to analyze logical arguments, such as number, pattern and symbol sequences, pattern recognitions and formation, true and false statements and other similar logical questions.