

MATHEMATICS FINAL EXAMINATION PORTION -MAY 2022

YEAR 6

MARKS : 60

TIME : 1 HOUR 15 MINS

MATHEMATICAL CONTENT

UNIT1: Place value within 10,000,000

- Rounding off
- Negative numbers
- Sequencing, Comparing & ordering

UNIT 2 & 3 :Four operations

- Addition and subtraction
- Multiplication and division
- Factors and multiples
- Square, cube and prime numbers
- Order of operations

UNIT 4 & 5: Fractions

- Simplifying fractions
- Convert mixed numbers to improper fractions and vice versa.
- Comparing and ordering
- Addition, subtraction, multiplication and division
- Fraction of an amount

UNIT 6: Geometry— Position and direction

- Reflection and Translation
- Plotting co ordinates
- Reasoning about shapes with co ordinates

UNIT 7 & 8: Decimals and Percentage

- Equivalent fractions, decimal, and percentage
- Multiply and divide by 10 ,100,1000
- Convert fraction as decimal & vice versa
- Convert fraction to percentage
- Multiply and divide decimals

UNIT 9: Algebra

- Find a rule
- Using a rule
- Solving Equation

UNIT 10 & 11: Measure-Metric measures, perimeter ,area and volume

- Metric units
- Perimeter and area
- Area of triangle and parallelogram
- Volume of Cuboid

UNIT 12: Ratio and Proportion

- Ratio
- Scale drawing and factors
- Problem solving on ratio and proportion

UNIT 13: Geometry: Properties of shape

- Measuring and drawing with protractor
- Angles in triangles and polygons
- Vertically opposite angles
- Parts of a circle
- Nets

UNIT 15: Statistics

- Mean
- Reading and interpreting pie charts with Fraction and percentage
- Interpreting and constructing line graphs

Note: Refer Textbook Power Math Book 6A, 6B, 6C, Practice book 6A,6B, 6C and all the resources posted in GC.

GL Progress Test in Mathematics

GL Progress Test in Math assesses pupil's current knowledge and skills appropriate to age related expectations.

GL PTM assesses

- 1. Mathematical content knowledge (Full Year portion as given above)**
- 2. Understanding and applying mathematical processes.**