

PORTION FOR THE FIRST TERM EXAMINATION– JANUARY 2021

MATHEMATICS – YEAR 6

MARKS: 50

TIME: 1 HOUR

1. NUMBERS:

- Place value (6 digit numbers)(Comparing)
- Rounding to the nearest 10, 100, 1000 (YR 5)
- Addition and subtraction of whole numbers
- Multiplication & division of whole numbers
- Factors & multiples (YR 5)
- Square numbers, prime numbers (YR 5)
- Negative numbers (YR 5)

2. FRACTIONS, DECIMALS & PERCENTAGES

- Equivalent fractions
- Mixed and improper fractions (Conversion)
- Fractions of an amount
- Addition & subtraction of fractions
- Multiplication & division of fractions
- Place value of decimal numbers
- Rounding decimal numbers (to the nearest whole numbers, 1 dp, 2dp)
- Addition & subtraction of decimal numbers
- Multiplying decimal numbers by whole numbers
- Percentages of an amount .
- Converting fractions, decimals & percentages to one another.

3. ALGEBRA:

- Algebraic expressions and terms
- Simplifying expressions
- Multiplying a single term over a bracket.
- Expanding and simplifying expressions
- Substituting values for expressions
- Solving equations.

4. GEOMETRY

- Circles (YR 5)
- Calculating the missing angles
 - Angles on a straight line
 - Angles around a point
 - Angles in a triangle
 - Angles in a quadrilateral
 - Vertically opposite angles

5. STATISTICS

- Pictograph (YR 5)
- Interpreting line graph, bar graph (YR 5)

Word problems related to all the above topics.