

# **PORTION FOR THE FIRST TERM EXAMINATION – YEAR 3**

## **MATHEMATICS**

**MARKS: 50**

**TIME : 1 HOUR**

### **UNIT 1 – NUMBERS AND PLACE VALUE**

- Counting objects to 1000
- Representing numbers to 1000 (numerals, words, part-whole model, base-10 models, place-value grid using numbers and counters and number lines)
- Place value – 3-digit numbers
- Comparing numbers – 3-digit numbers ( $<$ ,  $>$ ,  $=$ )
- Ordering numbers – 3-digit numbers (ascending and descending order)

### **UNIT 2 – ADDITION AND SUBTRACTION OF 2-DIGIT NUMBERS**

- Use multiples of 5 and 10 bonds to 100 to solve additions and subtractions
- Add and subtract two digit numbers
- Solve addition and subtraction related word problems

### **UNIT 3 – MULTIPLICATION AND DIVISION**

- Multiplication and division facts for the 2, 3, 4, 5, 8 and 10 times-tables
- Multiply a two-digit number by a one-digit number using the grid method
- Halving of even numbers and odd numbers odd numbers up to 20 (up to 40)
- Doubling of numbers (up to double 30)

### **UNIT 4 – SHAPES AND MEASURES**

- Know and understand the calendar, days, weeks, months, years and leap years.
- Tell the time to the hour, half past, quarter to, and quarter past on an analogue and digital clock
- Reading the time to nearest five minute (digital and analogue clock)
- Measurements of length and capacity
- Identify 3D shapes (cone, sphere, pyramid, triangular prism, cube, cuboid, cylinder)
- Properties of the 3D shapes (faces, sides/ edges and corners/ vertices)

- Types of angles
- Identify 2D shapes, including, polygons, quadrilaterals and their properties
- Perimeter of 2D shapes

## **UNIT 5 – FRACTIONS**

- Fractions as equal parts of a whole
- Comparing Fractions
- Finding unit and non-unit fractions of amounts

## **UNIT 6 – DATA HANDLING**

- Interpret and construct tables, pictograms and block graphs to represent data

**\*\* Word problems related to any of the above topics may be asked. Refer the notebook and workbook.**