

**CARMEL CONVENT SR. SEC. SCHOOL, B.H.E.L., BHOPAL**  
**SYLLABUS – 2016-17**  
**SUBJECT – MATHS**  
**CLASS – VIII**

- FA I**            1. RATIONAL NUMBER
- FA II**            1. LINEAR EQUATION IN ONE VARIABLE
- SA I**
1. RATIONAL NUMBERS
  2. LINEAR EQUATION IN ONE VARIABLE
  3. UNDERSTANDING QUADRILATERALS
  4. CONSTRUCTION
  5. DATA HANDLING
  6. COMPARING QUANTITIES (FROM N.C.E.R.T)
  7. VISUALISING SOLID SHAPES
  8. EXPONENTS (FROM N.C.E.R.T)
- FA III**            1. ALGEBRAIC EXPRESSION (FROM N.C.E.R.T)
- FA IV**            1. FACTORISATION (FROM N.C.E.R.T)
- SA II**
1. SQUARE AND SQUARE ROOT
  2. CUBES AND CUBE ROOTS
  3. ALGEBRAIC EXPRESSION (FROM N.C.E.R.T)
  4. MENSURATION
  5. DIRECT AND INVERSE VARIATION
  6. FACTORISATION (FROM N.C.E.R.T)
  7. INTRODUCTION TO GRAPH
  9. PLAYING WITH NUMBERS (FROM N.C.E.R.T)

**Note: Questions based on basic concepts also would be in all paper pen test.**

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**TOOLS FOR FORMATIVE ASSESSMENTS**  
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**FORMATIVE ASSESSMENT – I**

1. PAPER PEN TEST
2. VEDIC MATHEMATICS
3. DIAGNOSTIC TEST

**FORMATIVE ASSESSMENT – II**

1. PAPER PEN TEST
2. PROBLEM SOLVING
3. MENTAL ABILITY

**FORMATIVE ASSESSMENT - III**

1. PAPER PEN TEST
2. MODELS (GROUP ACTIVITY)
3. MATH'S LAB ACTIVITY

**FORMATIVE ASSESSMENT – IV**

1. PAPER PEN TEST
2. TANGRAM
3. M.C.Q

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