

CARMEL CONVENT SR. SEC. SCHOOL, B.H.E.L., BHOPAL.

SYLLABUS - 2016-17

SUBJECT – Mathematics

CLASS - X

FA I

1. Real Numbers
2. Introduction to Trigonometry

FA II

1. Polynomials
2. Triangles
3. Proving Identities(Trigonometry)

SA I

1. Real Numbers.
2. Polynomials.
3. Pair of linear Equations in 2 variables.
4. Triangles
5. Introduction to Trigonometry.
6. Statistics

FA III

1. Quadratic Equations
2. Some applications of Trigonometry

FA IV -

1. Arithmetic progressions
2. Surface area and Volumes

SA II

1. Quadratic Equations
2. Arithmetic Progressions
3. Circles
4. Constructions
5. Applications of Trigonometry
6. Probability
7. Coordinate Geometry
8. Mensuration - Area related to circles
9. Mensuration - Surface Area and Volumes

TOOLS FOR FORMATIVE ASSESSMENTS

SUBJECT – MATHS

CLASS - X

FORMATIVE ASSESSMENT – I

1. Paper Pen Test
2. Individual Activity (Lab Activity)
3. Group Activity (Project)

FORMATIVE ASSESSMENT – II

1. Paper Pen Test
2. Individual Activity (Simultaneous Linear equations)
3. Group Activity (Geometry)

FORMATIVE ASSESSMENT – III

1. Paper Pen Test
2. Individual Activity (Trigonometry)
3. Group Activity (Problem solving related to given text)

FORMATIVE ASSESSMENT – IV

1. Paper pen test
2. Individual Activity (probability)
3. Group Activity (Mensuration)
