



SYLLABUS OF MATH

1st TEST

- **MATHEMATICS:**
 - COMPLEX NUMBERS, QUADRATIC EQUATIONS, PROGRESSIONS.

2nd TEST :

- **MATHEMATICS:**
 - PERMUTATIONS AND COMBINATIONS, MATHEMATICAL INDUCTION AND BINOMIAL THEOREM.

3rd TEST :

- **MATHEMATICS:**
 - CARTESIAN SYSTEM OF RECTANGULAR COORDINATES AND STRAIGHT LINES, CIRCLES AND SYSTEM OF CIRCLES.

4th TEST

- **MATHEMATICS:**
 - PARABOLA, ELLIPSE, HYPERBOLA.

5th TEST :

- **MATHEMATICS:**
 - TRIGONOMETRICAL RATIOS, IDENTITIES AND EQUATIONS, INVERSE TRIGONOMETRIC FUNCTION, HEIGHT AND DISTANCES.

6th TEST :

- **MATHEMATICS:**
 - DETERMINANTS, MATRICES, SETS, RELATION AND FUNCTION.

7th TEST :



- **MATHEMATICS:**

- LIMITS AND CONTINUITY, DIFFERENTIABILITY AND DIFFERENTIATION, APPLICATIONS OF DERIVATIVES.

8th TEST :

- **MATHEMATICS:**

- INDEFINITE INTEGRATION, DEFINITE INTEGRALS, AREAS BY INTEGRATION, DIFFERENTIAL EQUATION

9th TEST :

- **MATHEMATICS:**

- THREE DIMENSIONAL GEOMETRY, VECTORS.

10th TEST

- **MATHEMATICS:**

- STATISTICS, PROBABILITY, MATHEMATICAL REASONING.