



Chapter Names	Concepts		
	• Problems		(4 hours)
	• Doubt Clarification		(1 hour)
<b>8. Probability</b> (7 hours)	• Introduction • Fundamental principle of counting • Basics of probability		
	• Probability classical definition		(1 hour)
	• Addition theorem • Conditional Probability		(1 hour)
	• Problems		(4 hours)
	• Doubt Clarification		(1 hour)
<b>9. Plane Geometry - III</b> (7 hours)	• Introduction • Circles		
	• Tangent		(1 hour)
<b>Term 2</b>	<b>Chapter 1 - 9</b>	<b>MCQ - 50</b>	<b>50 x 1 = 50</b>
	• Cyclic quadrilaterals • Collinearity • Concepts related to trigonometry		
	• Theorems		(3 hours)
	• Problems		(2 hours)
	• Doubt Clarification		(1 hour)
<b>10. Coordinate Geometry - III</b> (9 hours)	• Introduction		
	• Area and collinearity		(1 hour)
	• Equation of straight lines • Slope • Condition for parallel and		
	• Perpendicular lines • Intercepts formulae		(1 hour)
	• Concurrent lines • Distance between a point and a line		
	• Various forms of straight lines		(1 hour)
	• Orthocentre, circumcentre • Foot of perpendicular		
	• Image of a point w.r.t a line		(1 hour)
	• Problems		(4 hours)
	• Doubt Clarification		(1 hour)
<b>11. Trigonometry - II</b> (7 hours)	• Introduction • Transformations		
	• Trigonometric equations		(1 hour)
	• Sine and cosine formulae • Heights and distances		(1 hour)
	• Problems		(4 hours)
	• Doubt Clarification		(1 hour)
<b>12. Binomial Theorem</b> (6 hours)	• Introduction • Basics of binomial theorem • Statements of binomial theorem		
	• General term		(1 hour)
	• Pascal's Triangle • Properties of binomial coefficient		(1 hour)
	• Problems		(3 hours)
	• Doubt Clarification		(1 hour)
<b>Grand Test</b>	<b>Chapter 1 - 12</b>	<b>MCQ - 50</b>	<b>50 x 1 = 50</b>

Chapter	Concept	Problems	Total No.of hours
1. Mathematical Induction	1	4	5
2. Progressions	3	5	8
3. Functions	3	4	7
4. Limits	2	3	5
5. Polynomials - III	2	4	6
6. Quadratic Equations - II	3	4	7
7. Inequalities - III	2	5	7
8. Probability	2	5	7
9. Plane Geometry - III	4	3	7
10. Coordinate Geometry - III	4	5	9
11. Trigonometry - II	2	5	7
12. Binomial Theorem	2	4	6