विषय – गणित

		यदि किसी चयनित पाठ के किसी उपखंड को
1	Real Numbers	Real Numbers	1. Euclid Division Lemma and related Exercise 1.1 2. Q.No. 5,6 & 7 of Exercise 1.2 and related Example No.5
2	Polynomials	Polynomials	Cubic Polynomial(Relationship between Zeros and Coefficients)Example No.9 ,Q.No.2 to 5 of Exercise 2.3
3	Pair of Linear Equations in two Variables	Pair of Linear Equations in two Variables	1. GRAPHICAL,SUBSTITUTION & CROSS MULTIPLICATION METHODS Of solution of Pair of Linear Equations in two Variables Exerccise 3.1 and 3.2 with Examples, Example 8,9 10 and Q.No. 2,3 of related exercise 3.3,Example No. 11,13 andQ.No. 2 of related exercise 3.4, Example No. 14 to 16 and Q.No. 2,4 of related exercise 3.5, 2. Equation reducible to pair of linear equations in two variables. 3. Word/Application problems on pair of linear equations in two variables, Exercise 3.6 (complte) with examples 17 to 19
4	QUADRATIC EQUATION	QUADRATIC EQUATION	1. Solution of Quadratic Equation by completing square method Q.No. 2 of related exercise 4.1,Q.No. 2 to 6 of related exercise 4.2 2. Application problems Exercise 4.3 (Complete) with examples ,Example 17 and Q.No. 2 to 5 of related exercise 4.4
5	ARITHMETIC PROGRESSION	ARITHMETIC PROGRESSION	1. Application in solving daily life problems based on sum of n terms Q.No.1 of related exercise 5.1, Examples 9,10 and Q.No. 11 to 20 of related exercise 5.2 2. Example 16 and Q.No.10 to 20 of related Exercise 5.3
6	TRIANGLES	TRIANGLES	1. Proof of the converse of Basic Proportionality theorem(Theorem No.6.2) Q.No. 5 to 10 of Exercise 6.2, 2. Proof of Theorems 6.3,6.4,6.5,6.6,6.7 and 6.9, Examples 7,8and Q.No. 11to 16 of Exercise 6.3,Example 9 and related Exercise 6.4 complete, Example 13,14 and Q.No. 6 to 17 of related Exercise 6.5
7	CO ORDINATE GEOMETRY	CO ORDINATE GEOMETRY	1. Q.No. 4,5,6 9 and 10 of Exercise 7.1 2. Q.No. 3,8, 9 and 10 of Exercise 7.2 3. Q.No. 3,4 and 5 of Exercise 7.3
8	TRIGONOMETRY	TRIGONOMETRY	1. Example 2 and Q.No. 6 to 10 of related

			यदि किसी चयनित पाठ के किसी उपखंड को
			Exercise 8.1 2. Example 6 and Q.No. 1(iv), 1(v),3, and 4 of Exercise 8.2 3. Example 15 and Q.No. 5 (v,vii,viii,ix and x)of related Exercise 8.4
9	HEIGHTS AND DISTANCE	HEIGHTS AND DISTANCE	Q.No.3, 6 , 11,13,14,15,16 of Exercise 9.1
10	CIRCLE	CIRCLE	1. Example 2,3 and Q.No. 9 to 13 of related Exercise 10.2
11	CONSRUCTIONS	CONSRUCTIONS	1. Q.No. 6 and 7 of Exercise 11.1 2. Exercise 11.2 Complete
12	AREA RELATED TO CIRCLES	AREA RELATED TO CIRCLES	1. Q.No. 3 of Exercise 12.1 2. Example 3 and Q.No. 7 to 13 of related Exercise 12.2 3. Exercise 12.3 Complete with related examples
13	SURFACE AREA AND VOLUME	SURFACE AREA AND VOLUME	1. Surface Area of combination of solids and related Exercise 13.1 with examples 2. Volume of combination of solids and related Exercise 13.2 with related examples. 3. Conversion of Solids from one shape to another and related Exercise 13.3 with related examples 4. Example 13,14 and Q.No.5 of related Exercise 13.4
14	STATISTICS	STATISTICS	1. Calculation of Mean by Assumed Mean and Step Deviation Methods Q.No. 7 of Exercise 14.1, Q.No. 3,5 of Exercise 14.2, Example 8 and Q.No. 2,3,5 of Exercise 14.3, Exercise 14.4 with examples.
15	PROBABILITY	PROBABILITY	Examples 7,9,12 and Q.No. 2,3,7,10,11,12,18,19,20,21,22,23,24 and 25 of Exercise 15.1