

**SYLLABUS BREAK -UP [MATHEMATICS]
CLASS: IX [SESSION 2024-25]
BOOK: MATHEMATICS [NCERT]**



PRE-MID TERM EXAMINATION				
S. No.	CHAPTER	SUBTOPICS	PERIODS	DATE/TIME
1.	CHAPTER1: NUMBER SYSTEMS	1.1 Introduction to Natural Numbers, Whole Numbers, Integers and Rational Numbers	2	10-04-2024 to 25-04-2024
		1.2 Irrational Numbers and How to Locate them on Number Line	2	
		1.3 Real Numbers and their Decimal Expansions	2	
		1.4 Operations on Real Numbers, representation of irrational numbers on number line & Rationalization	2	
		1.5 Laws of Exponents for Real Numbers	2	
2.	CHAPTER 2 : POLYNOMIALS	2.1 Introduction to Polynomials	2	29-04-2024 to 07-05-2024
		2.2 Polynomials in one variable	2	
		2.3 Zeroes of a Polynomial	2	
		2.4 Factorization of Polynomials	2	
MID TERM EXAMINATION				
3.	CHAPTER 2: POLYNOMIALS	2.5 Algebraic Identities	3	08-05-2024 to 10-05-2024
4.	CHAPTER 3 : COORDINATE GEOMETRY	3.1 Introduction	1	13-05-2024 to 15-05-2024
		3.2 Cartesian System	2	
5.	CHAPTER 5: INTRODUCTION TO EUCLID'S GEOMETRY	5.1 Introduction	1	04-07-2024 to 06-07-2024
		5.2 Euclid's Definitions, Axioms and Postulates	2	
6.	CHAPTER 6 : LINES AND ANGLES	6.1 Introduction	1	08-07-2024 to 18-07-2024
		6.2 Basic Terms and Definitions	2	
		6.3 Intersecting Lines and Non-intersecting Lines	2	
		6.4 Pairs of Angles	2	
		6.5 Lines Parallel to the Same Line	2	
POST-MID TERM EXAMINATION				
7.	CHAPTER 10 : HERON'S FORMULA	10.1 Area of a Triangle- by Heron's Formula	3	22-07-2024 to 24-07-2024
8.	CHAPTER 7 : TRIANGLES	7.1 Introduction	1	29-07-2024 to 10-08-2024
		7.2 Congruence of Triangles	2	
		7.3 Criterion for Congruence of Triangles (SAS, ASA, AAS)	3	
		7.4 Some Properties of Triangles (Isosceles)	3	
		7.5 Some More Criterion for Congruence of Triangles (SSS, RHS)	3	
9.	CHAPTER 4 : LINEAR EQUATIONS IN TWO VARIABLES	4.1 Introduction	1	12-08-2024 to 17-08-2024
		4.2 Linear Equations	2	
		4.3 Solution of a Linear Equations	2	

ANNUAL EXAMINATION				
S.No	CHAPTER	SUBTOPICS	PERIODS	TIME
10.	CHAPTER 8: QUADILATERALS	8.1 Properties of Parallelogram	3	30-09-2024 to 07-10-2024
		8.2 The Mid-pint Theorem	3	
11.	CHAPTER 9 : CIRCLES	9.1 Angle Subtended by a Chord at a Point	1	09-10-2024 to 23-10-2024
		9.2 Perpendicular from the Centre to a Chord	2	
		9.3 Equal Chords and their Distances from the Centre	2	
		9.4 Angle Subtended by an Arc of a Circle	2	
		9.5 Cyclic Quadrilaterals	3	
12.	CHAPTER 12 : STATISTICS	10.1 Graphical Representation of Data – (a) Bar Graph (b) Histogram (c) Frequency Polygon	3	28-10-2024 to 30-01-2025
13.	CHAPTER 11 : SURFACE AREAS AND VOLUMES	11.1 Surface Area of a Right Circular Cone	2	04-11-2024 to 13-11-2024
		11.2 Surface Area of a Sphere	2	
		11.3 Volume of a Right Circular Cone	2	
		11.4 Volume of a Sphere	2	

EXAMINATION	DATE AND DAY	CHAPTERS
PRE-MID TERM EXAMINATION	28/06/2024 (Friday)	CHAPTER 01 : NUMBER SYSTEMS CHAPTER 02 : POLYNOMIALS
MID TERM EXAMINATION	14/09/24 (Saturday)	CHAPTER 01 : NUMBER SYSTEMS CHAPTER 02 : POLYNOMIALS CHAPTER 03 : COORDINATE GEOMETRY CHAPTER 05 : INTRODUCTION TO EUCLID'S GEOMETRY CHAPTER 06 : LINES AND ANGLES
POST-MID TERM EXAMINATION	07/12/24 (Saturday)	CHAPTER 04 : LINEAR EQUATIONS IN TWO VARIABLES CHAPTER 07 : TRIANGLES CHAPTER 10 : HERON'S FORMULA
ANNUAL EXAMINATION	To be decided	CHAPTER 01 : NUMBER SYSTEMS CHAPTER 02 : POLYNOMIALS CHAPTER 03 : COORDINATE GEOMETRY CHAPTER 04 : LINEAR EQUATIONS IN TWO VARIABLES CHAPTER 05 : INTRODUCTION TO EUCLID'S GEOMETRY CHAPTER 06 : LINES AND ANGLES CHAPTER 07 : TRIANGLES CHAPTER 08 : QUADILATERALS CHAPTER 09 : CIRCLES CHAPTER 10 : HERON'S FORMULA CHAPTER 11 : SURFACE AREAS AND VOLUMES CHAPTER 12 : STATISTICS