

GURU HARKRISHAN PUBLIC SCHOOLS, NEW DELHI SOCIETY
SESSION 2022-23
CLASS X SYLLABUS
SUBJECT- MATHEMATICS(041)

UNIT TEST-1

M.M: 25

CH - 2 POLYNOMIALS
CH – 3 PAIR OF LINEAR EQUATIONS IN TWO VARIABLES
CH – 4 QUADRATIC EQUATIONS

UNIT TEST - 2

M.M:25

CH – 8 INTRODUCTION TO TRIGONOMETRY
CH – 9 SOME APPLICATIONS OF TRIGONOMETRY

TERM- 1

M.M:80

CH: 1.REAL NUMBERS
CH:2.POLYNOMIALS
CH:3.PAIR OF LINEAR EQUATIONS IN TWO VARIABLES.
CH 4. QUADRATIC EQUATIONS
CH 6.TRIANGLES
CH 7.COORDINATE GEOMETRY
CH 8.INTRODUCTION TO TRIGONOMETRY
CH 9. SOME APPLICATIONS OF TRIGONOMETRY
CH 15.PROBABILITY

UNIT TEST – 3

M.M:25

CH – 10 CIRCLES
CH – 13 SURFACE AREAS AND VOLUMES

PRE BOARDS : Complete Syllabus(Ch: 1-10 and Ch: 12-15)

ANNUAL EXAMINATION: AS PER CBSE CURRICULUM (ENTIRE SYLLABUS)

INTERNAL ASSESSMENT	20 MARKS
Pen Paper Test and Multiple Assessment (5+5)	10 MARKS
Portfolio	5 MARKS
Lab Practical (Lab activities to be done from the prescribed books)	5MARKS

PRESCRIBED BOOKS

1. Mathematics - Textbook for class X - NCERT Publication
2. Guidelines for Mathematics Laboratory in Schools, class X - CBSE Publication(Optional for reference use)
3. Laboratory Manual - Mathematics, secondary stage - NCERT Publication (Optional for reference use)
4. Mathematics exemplar problems for class X, NCERT publication. (Optional for reference use)

GURU HARKRISHAN PUBLIC SCHOOLS, NEW DELHI SOCIETY
SESSION 2022-23
CLASS IX SYLLABUS
SUBJECT- MATHEMATICS(041)

UNIT TEST – 1 **M.M:25**

CH - 2 POLYNOMIALS
CH – 3 COORDINATE GEOMETRY

UNIT TEST – 2 **M.M:25**

CH – 4 LINEAR EQUATION IN TWO VARIABLES
CH – 6 LINES AND ANGLES

TERM -1 **M.M: 80**

CH -1 NUMBER SYSTEMS
CH - 2 POLYNOMIALS
CH -3 COORDINATE GEOMETRY
CH - 4 LINEAR EQUATION IN TWO VARIABLES
CH - 5 .INTRODUCTION TO EUCLID’S GEOMETRY
CH - 6 LINES AND ANGLES
CH - 7 TRIANGLES

UNIT TEST – 3 **M.M: 25**

CH – 8 QUADRILATERALS
CH- 12. HERON’S FORMULA

UNIT TEST – 4 **M.M: 25**

CH - 13 SURFACE AREAS AND VOLUMES
CH - 14 STATISTICS

ANNUAL EXAMINATION: As per CBSE Curriculum (Ch.: 1-8, Ch:10 and Ch: 12-14)

INTERNAL ASSESSMENT	20 MARKS
Pen Paper Test and Multiple Assessment (5+5)	10 MARKS
Portfolio	5 MARKS
Lab Practical (Lab activities to be done from the prescribed books)	5MARKS

PRESCRIBED BOOKS

1. Mathematics - Textbook for class IX - NCERT Publication
2. Guidelines for Mathematics Laboratory in Schools, class IX - CBSE Publication(Optional for reference use)
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