



WB BOARD CLASS 9 MATHEMATICS

Class 9 Mathematics (Ganit Prakash 9)

Secondary curriculum based on 'Ganit Prakash 9' covering real numbers, laws of indices, Cartesian graphs, simultaneous linear equations, polynomial factorisation, mid-point theorems, Heron's formula, coordinate geometry, and frequency distributions.

GOVERNING BOARD
WB Board

THEORY EXAMINATION
90 Marks

INTERNAL / PRACTICAL
10 Marks (IFE)

EXAM DURATION
3 Hours

UNIT-WISE SYLLABUS & MARKS BREAKDOWN

UNIT	CHAPTERS & PRESCRIBED TOPICS	MARKS
Unit 1	Arithmetic & Real Numbers Real numbers, rational & irrational numbers on number line, laws of indices, advanced profit & loss	15
Unit 2	Algebra & Graphs Cartesian graph plotting, simultaneous linear equations (elimination, substitution, cross-multiplication), polynomials, factor theorem, remainder theorem	25
Unit 3	Geometry Theorems & Constructions Parallelogram theorems, mid-point theorems, transversal theorems, construction of equal-area polygons	22
Unit 4	Coordinate Geometry & Mensuration Distance formula, internal/external section formula, area and perimeter of triangles and circles (annulus)	18
Unit 5	Statistics & Probability Frequency distribution tables, histograms, frequency polygons, experimental probability	10

INTERNAL / PRACTICAL ASSESSMENT SCHEME (10 MARKS (IFE))

EVALUATION COMPONENT	MARKS WEIGHTAGE
Annual Written Examination 90 marks written board pattern paper	90 Marks
Internal Formative Evaluation Survey / Math Lab / Problem solving	10 Marks

RECOMMENDED REFERENCE LITERATURE

Prescribed Textbooks: Ganit Prakash 9 (WBBSE), Subrata Dutt, Excellence Madhyamik Foundation Series

THE EXCELLENCE TUITION EDGE

Every unit in this curriculum is taught with structured conceptual lectures, followed by weekly speed-testing, detailed mistake analysis, and dedicated 1:1 doubt-clearing sessions to build board exam confidence.

