

Table of Specification (TOS) in the subject of Mathematics Grade 9

| S. No. | Content | Unit Wise %age | MCQ=1 Mark | | RRQ =4 Marks | | ERQ =6 Marks | | K %age | U %age | A %age |
|--------|---|----------------|------------|-------------|--------------|-------------|--------------|-------------|--------|--------|--------|
| | | | %age | No of items | %age | No of items | %age | No of items | | | |
| 1 | Matrices | 7 | 3.19 | 3 | 4 | 1 | - | | 2 | - | 5 |
| 2 | Real and Complex Numbers | 11 | 6.396 | 6 | 4 | 1 | - | | 3 | 2 | 6 |
| 3 | Logarithm | 5 | 1.066 | 1 | 4 | 1 | - | | 1 | - | 4 |
| 4 | Algebraic Expression and algebraic formulas | 9 | 1.066 | 1 | 8 | 2 | - | | - | 1 | 8 |
| 5 | Factorization | 4 | 1.066 | 1 | 4 | 1 | - | | - | - | 5 |
| 6 | Algebraic Manipulation | 4 | 1.066 | 1 | 4 | 1 | - | | - | 1 | 4 |
| 7 | Linear Equation and Inequalities | 8 | 1.066 | 1 | 8 | 2 | - | | - | - | 9 |
| 8 | Linear Graph and their applications | 4 | 1.066 | 1 | - | | - | | - | 1 | - |
| 9 | Introductions to coordinate Geometry | 4 | - | | 4 | 1 | - | | - | - | 4 |
| 10 | Congruent Triangles | 4 | - | | 4 | 1 | - | | - | - | 4 |

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|----|----------------------------------|-----|----|----|----|----|----|---|---|---|----|
| 11 | Parallelograms and triangle | 4 | - | | 4 | 1 | - | | - | - | 4 |
| 12 | Line bisector and angle bisector | 6 | - | | - | | 6 | 1 | - | - | 6 |
| 13 | Sides and angles of a triangle | 6 | - | | - | | 6 | 1 | - | - | 6 |
| 14 | Ratio and Proportion | 6 | - | | - | | 6 | 1 | - | - | 6 |
| 15 | Pythagoras Theorem | 6 | - | | - | | 6 | 1 | - | - | 6 |
| 16 | Theorems Related with Area | 6 | - | | - | | 6 | 1 | - | - | 6 |
| 17 | Practical Geometry Triangles | 6 | - | | - | | 6 | 1 | - | - | 6 |
| 18 | Total Weightage | 100 | 16 | 15 | 48 | 12 | 36 | 6 | 6 | 5 | 89 |