

TABLE OF SPECIFICATION MATHEMATICS CLASS 11

| S. No. | Unit | Weightage | Section – A | | | Section – B | | | Section – C | | |
|--------|---|-----------|-------------|-------|------------|-------------|-------|------------|-------------|-------|------------|
| | | | Items | Marks | Percentage | Items | Marks | Percentage | Items | Marks | Percentage |
| 1 | COMPLEX NUMBERS | 6% | 1 | 1 | 1 | 1 | 5 | 3.85 | 1 | 5 | 3.85 |
| 2 | MATRICES AND DETERMINANTS | 15% | 3 | 3 | 3 | 2 | 10 | 7.7 | 1 | 5 | 3.85 |
| 3 | VECTORS | 10% | 2 | 2 | 2 | 2 | 10 | 7.7 | 1 | 5 | 3.85 |
| 4 | SEQUENCES AND SERIES | 6% | 1 | 1 | 1 | 1 | 5 | 3.85 | 1 | 5 | 3.85 |
| 5 | MISCELLANEOUS SERIES | 3% | 1 | 1 | 1 | 1 | 5 | 3.85 | - | - | - |
| 6 | PERMUTATION, COMBINATION AND PROBABILITY | 8% | 2 | 2 | 2 | 1 | 5 | 3.85 | 1 | 5 | 3.85 |
| 7 | MATHEMATICAL INDUCTION AND BINOMIAL THEOREM | 8% | 2 | 2 | 2 | 1 | 5 | 3.85 | - | - | - |
| 8 | FUNCTIONS AND GRAPHS | 9% | 2 | 2 | 2 | 1 | 5 | 3.85 | - | - | - |
| 9 | LINEAR PROGRAMMING | 5% | 1 | 1 | 1 | - | - | - | 1 | 5 | 3.85 |

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|--------------|---|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 10 | TRIGONOMETRIC IDENTITIES OF SUM AND DIFFERENCE OF ANGLES | 8% | 2 | 2 | 2 | 1 | 5 | 3.85 | - | - | - |
| 11 | APPLICATION OF TRIGONOMETRY | 7% | 1 | 1 | 1 | 1 | 5 | 3.85 | 1 | 5 | 3.85 |
| 12 | GRAPHS OF TRIGONOMETRIC AND INVERSE TRIGONOMETRIC FUNCTIONS AND SOLUTION OF TRIGONOMETRIC EQUATIONS | 15% | 2 | 2 | 2 | 1 | 5 | 3.85 | 1 | 5 | 3.85 |
| TOTAL | | 100% | 20 | 20 | 20 | 13 | 65 | 50 | 04 | 40 | 30 |

| Total SLOs | | | |
|------------|------------------------|----------------------------|--------------------------|
| Item | Knowledge ability %age | Understanding ability %age | Application ability %age |
| 1 | 32.6% | 25.7 | 41.5% |