

10th Std - Mathematics

(Very Very Important & Important 1M,2M,5M & 8M)

Created by S.MAHESHWARAN M.Sc & M.MANISHADEVI M.Sc

Note:

- ❖ First Practice must all Very Very Important (*) sums
- ❖ Next Practice all Important sums
- ❖ Then practice other sum
- ❖ Study well all Definition
- ❖ Practice all Unit Exercise

Chapter – 01 Relations and Functions

5 Marks (V.V.I*)

Examples	Exercise
1.3*, 1.11*, 1.18*, 1.23*, 1.24*	1.1 : 7*, 5, 6 1.2 : 5* 1.4 : 2*, 10*, 9, 12 1.5 : 5, 7, 8

2 Marks (V.V.I*)

Examples	Exercise
1.1*, 1.4*, 1.9*, 1.15*, 1.21* 1.2, 1.5, 1.6, 1.7, 1.14, 1.17, 1.19, 1.22	1.1 : 1*, 2*, 3, 4 1.2 : 2*, 3*, 4 1.3 : 6*, 7*, 9*, 2, 3, 5, 8 1.4 : 6*, 8*, 3, 4, 5, 11 1.5 : 1*, 2*, 4*, 3

Chapter – 02 Numbers and Sequences

(Section 2.1 – 2.3)

5 Marks(V.V.I*)

Examples	Exercise
2.6*	-

2 Marks (V.V.I*)

Examples	Exercise
2.5*, 2.10*, 2.11*, 2.13*, 2.15* 2.2, 2.4, 2.9, 2.12, 2.16, 2.17	2.1 : 3*, 6*, 7*, 2, 9, 10 2.2 : 3*, 4*, 2, 5, 6, 9 2.3 : 1*, 3*, 5*, 7*, 4, 9

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Chapter – 03 Algebra
(Section 3.1 – 3.3, 3.9)

5 Marks (V.V.I*)

Examples	Exercise
3.8*, 3.10*, 3.72*, 3.73*	3.1 : 1*, 3, 4, 5 3.2 : 1* 3.3 : 4*, 2, 3 3.19 : 7*, 11*, 12*, 13* 3.18 : 3, 8

2 Marks (V.V.I*)

Examples	Exercise
3.1*, 3.58*, 3.59*, 3.63*, 3.64*, 3.65*, 3.66*, 3.71* 3.2, 3.12, 3.67, 3.68, 3.70	3.1 : 2* 3.2 : 2* 3.3 : 1* 3.17 : 3*, 4*, 6*, 7*, 2, 5 3.18 : 1*, 2*, 7*, 4, 5, 6 3.19 : 3*, 6*, 9*, 10*, 8

Chapter – 2 Numbers and Sequences
(Section 2.6 – 2.8)

5 Marks (V.V.I*)

Examples	Exercise
2.22*, 2.27*, 2.29*, 2.34*, 2.36*, 2.38*, 2.39*, 2.25, 2.28, 2.30	2.5 : 12*, 6, 7, 11, 14 2.6 : 9*, 7, 8

2 Marks (V.V.I*)

Examples	Exercise
2.20*, 2.26* 2.21, 2.24, 2.32	2.4 : 1*, 3*, 4, 5, 6 2.5 : 2*, 4*, 5*, 1, 8, 10 2.6 : 1*, 11*, 3, 6

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Chapter – 3 Algebra (Section 3.4 – 3.5)

5 Marks (V.V.I*)

Examples	Exercise
3.20*, 3.21*, 3.22* 3.18	3.5 : 3* 3.8 : 1*, 3*, 2 3.6 : 4, 5, 6 3.7 : 2

2 Marks (V.V.I*)

Examples	Exercise
3.14*, 3.15*, 3.17*, 3.19* 3.13, 3.16	3.3 : 1* 3.5 : 1*, 4 3.6 : 3*, 7* 3.7 : 2 3.4 : 1, 2

Chapter – 4 Geometry

5 Marks (V.V.I*)

Examples	Theorems	Exercise
4.21*, 4.25*, 4.32*, 4.23	Basic Proportanality Thm* Angle Bisector Thm* Pythogoras Thm* Alternate Segment Thm* Converse of BPT Thm Converse of ABT Thm	4.4 : 9*

2 Marks (V.V.I*)

Examples	Theorems	Exercise
4.4*, 4.8*, 4.12*, 4.22*, 4.28*, 4.1, 4.2, 4.5, 4.6, 4.7, 4.13, 4.14, 4.15, 4.16, 4.24, 4.27	All Theorem Statement*	4.2 : 1*, 3*, 8*, 2, 5, 9 4.3 : 1*, 5*, 7*, 8 4.4 : 1*, 6*, 2, 7 4.1 : 3, 4, 9

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**Chapter – 2 Numbers and Sequences
(Section 2.9 – 2.11)**

5 Marks (V.V.I*)

Examples	Exercise
2.43*, 2.44*, 2.51*, 2.56*	2.9 : 1* (Full), 6*, 7*, 4, 5 2.7 : 9, 10 2.8 : 5, 6, 7, 10

2 Marks (V.V.I*)

Examples	Exercise
2.41*, 2.46*, 2.49*, 2.53*, 2.55*, 2.57*, 2.58* 2.42, 2.45, 2.48	2.7 : 3*, 6*, 8*, 12*, 1, 2, 4, 5, 7 2.8 : 4*, 9*, 3, 5 2.9 : 2*, 1, 3

**Chapter – 5 Coordinate Geometry
(Section 5.1 – 5.4)**

5 Marks (V.V.I*)

Examples	Exercise
5.15* 5.4, 5.6, 5.7, 5.13, 5.16	5.1 : 6*, 7*, 5, 9 5.2 : 9*, 13*, 10, 12

2 Marks (V.V.I*)

Examples	Exercise
5.2*, 5.3*, 5.8*, 5.9*, 5.10*, 5.11* 5.1, 5.5, 5.12	5.1 : 1*, 4*, 2, 3 5.2 : 5*, 6*, 7*, 2, 3, 4, 8

**Chapter – 3 Algebra
(Section 3.6)**

5 Marks (V.V.I*)

Examples	Exercise
3.41*, 3.44*, 3.46* 3.45	3.14 : 5*, 6 3.13 : 2, 3, 4

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2 Marks (V.V.I*)

Examples	Exercise
3.23*, 3.25*, 3.26*, 3.28*, 3.31*, 3.32*, 3.34*, 3.36*, 3.38*, 3.46* 3.24, 3.29, 3.39, 3.40, 3.42, 3.43	3.9 : 1*, 2* 3.10 : 1*, 2* 3.11 : 1*, 2* 3.12 : 4*, 9*, 1, 3, 6, 8 3.13 : 1*, 5 3.14 : 2*, 4*, 3

**Chapter – 6 Trigonometry
(Section 6.1 – 6.3)**

5 Marks (V.V.I*)

Examples	Exercise
6.17*, 6.21*, 6.22*, 6.27*, 6.28*, 6.29*, 6.31* 6.12, 6.13, 6.14, 6.32	6.1 : 6*, 7*, 9* 6.2 : 5*, 3, 6 6.4 : 2*, 3*, 1, 4, 5 6.3 : 4, 5, 6

2 Marks (V.V.I*)

Examples	Exercise
6.2*, 6.4*, 6.5*, 6.8*, 6.10*, 6.18*, 6.19*, 6.20* 6.1, 6.3, 6.7, 6.9, 6.15, 6.25, 6.26,	6.1 : 1*, 2*, 3*, 5, 8, 10 6.2 : 1*, 2* 6.3 : 1*, 3*

**Chapter – 5 Coordinate Geometry
(Section 5.5 – 5.6)**

5 Marks (V.V.I*)

Examples	Exercise
5.27* 5.28, 5.36	5.3 : 14*, 9 5.4 : 7*, 10*, 12*, 9, 11

2 Marks (V.V.I*)

Examples	Exercise
5.18*, 5.21*, 5.25*, 5.33*, 5.34*, 5.35* 5.19, 5.22, 5.23, 5.26, 5.30, 5.31	5.3 : 2*, 4*, 7*, 5, 6, 8, 10, 12, 13 5.4 : 1*, 2*, 5*, 6*

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Chapter – 7 Mensuration
(Section 7.1 – 7.3)

5 Marks (V.V.I*)

Examples	Exercise
7.14*, 7.22* 7.3, 7.7, 7.17, 7.21, 7.23	7.1 : 6* , 9, 10 7.2 : 6* , 2, 4, 9, 10

2 Marks (V.V.I*)

Examples	Exercise
7.1*, 7.6*, 7.9*, 7.11*, 7.16*, 7.19* 7.2, 7.5, 7.8, 7.10, 7.12, 7.13, 7.15, 7.20	7.1 : 3*, 8* , 1, 2, 5, 7 7.2 : 7* , 1, 3, 8

Chapter – 8 Probability
(Section 8.4 – 8.6)

5 Marks (V.V.I*)

Examples	Exercise
8.19*, 8.21*, 8.27*, 8.28*, 8.30* 8.24, 8.25, 8.31	8.3 : 8* , 6, 7, 9, 11, 12, 14 8.4 : 9*, 12* , 6, 7, 10, 11, 13, 14

2 Marks (V.V.I*)

Examples	Exercise
8.20*, 8.26* 8.17, 8.18, 8.22, 8.23, 8.29, 8.32	8.3 : 2*, 10* , 1, 2, 5, 7 8.4 : 1*, 2*, 5* , 3, 4

Chapter – 7 Mensuration
(Section 7.4 – 7.5)

5 Marks (V.V.I*)

Examples	Exercise
7.25*, 7.31* 7.24, 7.26, 7.27, 7.28	7.3 : 1*, 2* , 5 7.4 : 6* , 7
Practice Unit Exercise: 7	

2 Marks (V.V.I*)

Examples	Exercise
7.29* , 7.30	7.4 : 1* , 4
Practice Unit Exercise: 7	

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Chapter – 8 Statistics
(Section 8.1 – 8.3)

5 Marks (V.V.I*)

Examples	Exercise
8.8*, 8.14*, 8.16*, 8.10, 8.13	8.1 : 11, 12, 13, 14

2 Marks (V.V.I*)

Examples	Exercise
8.6*, 8.12*, 8.15*, 8.1, 8.2, 8.3, 8.4, 8.5, 8.11	8.1 : 1*, 2*, 5*, 6*, 7*, 4, 9, 15 8.2 : 1*, 5*, 2, 4, 6

Chapter – 4
(Geometry)

8 Marks (V.V.I*)

Examples	Exercise
4.10*, 4.11* 4.17*, 4.18*, 4.19* 4.29*, 4.30*, 4.31*	4.1 : 10*, 11*, 12*, 13* 4.2 : 11*, 12*, 13*, 14*, 15*, 16* 4.4 : 11*, 12*, 13*, 14*, 15*, 16*

Chapter – 3
(Graph)

8 Marks (V.V.I*)

Examples	Exercise
3.47*, 3.48*, 3.49*, 3.50* 3.51*, 3.52*, 3.53*, 3.54*, 3.55*	3.15 : 1*, 2*, 3*, 4*, 5*, 6* 3.16 : 1*, 2*, 3*, 4*, 5*, 6*, 7*, 8*

One Marks (V.V.I*)

All Book Back Questions *	
Study all Note and Colour writing	Study all Unit Points to remember

DO PRACTICE VERY WELL
AVOID SILLY MISTAKES
ALL THE VERY BEST

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