

EVALUATION AND EDUCATIONAL RESEARCH DEPARTMENT

TEACHERS TRAINING PROGRAM

UPGRADED SYLLABUS **MATHEMATICS – STD - X**

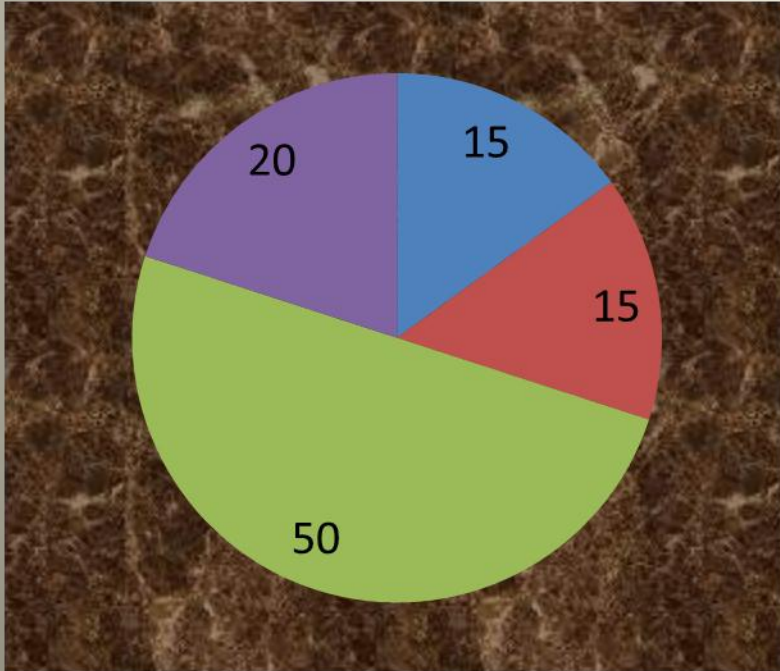


EVALUATION SYSTEM

PRESENTED BY

**MAPARI B.G.
SHRI
MHALASAKANT
JR. COLLEGE
AKURDI PUNE.**

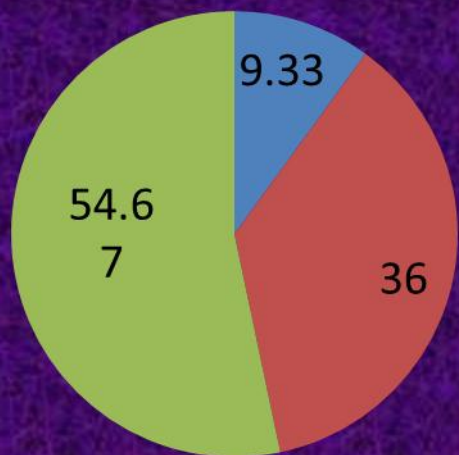
OBJECTIVEWISE WEIGHTAGE ALGEBRA & GEOMETRY



OBJECTIVE	MARKS	PERCENTAGE
KOWLEDGE	9	15
UNDERSTANDING	9	15
APPLICATION	30	50
SKILL	12	20
TOTAL	60	100

QUESTIONWISE MARKS DISTRIBUTION

GUIDELINES



Sr. No.	Question Type	Marks	Marks With Option	Percentage Marks
1	Very Short Answer	6	7	9.33
2	Short Answer	22	27	36
3	Long Answer	32	41	54.67
	Total	60	75	100

GUIDELINES

QUESTIONS WITH MARKS

	Marks	Marks with option
1 Mark – 6 out of 7	6	7
2 Mark – 5 out of 6	10	12
3 Mark – 4 out of 5	12	15
4 Mark – 3 out of 4	12	16
5 Mark -- 4 out of 5	20	25
	60	75

UNITWISE DISTRIBUTION OF MARKS

ALGEBRA **GUIDELINES**

NO.	UNIT	MARKS	MARKS WITH OPTION
1	A.P. And G.P.	12	15
2	Quadratic Equations	13	16
3	Linear Equations	14	18
4	Probability	8	10
5	Statistic - I	7	8
6	Statistic - II	6	8
		60	75

ALGEBRA - QUESTION PAPER

GUIDELINES

Question →	1	2	3	4	5	Total
Marks →	6	10	12	12	20	60
Question →	6/7	5/6	4/5	3/4	4/5	22/27
A.P. And G.P.	1	2	3	4	5	15
Quadratic Equations	1+1	2	3	4	5	16
Linear Equations	1+1	2+2	3	4	5	18
Probability		2	3		5	10
Statistic - I	1		3	4		8
Statistic - II	1	2			5	8
	7	12	15	16	25	75

ALGEBRA - QUESTION PAPER

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GUIDELINES

	Q . 1				Q . 2				Q . 3				Q . 4				Q . 5				Tot
Answer →	Very short Ans				Short Answer				Short Answer				Long Answer				Long Answer				
Objective →	K	U	A	S	K	U	A	S	K	U	A	S	K	U	A	S	K	U	A	S	
A.P. And G.P.	1				2				3				4				5				15
Quadratic Equations	1				2				3				4				5				16
Linear Equations	1	1			2	2			3				4				5				18
Probability					2				3								5				10
Statistic - I	1								3						4						08
Statistic - II	1				2															5	08
Prof.B.G.MAPARI	6	1			6	6			6	9			12	4			25	5			75

UNITWISE DISTRIBUTION OF MARKS

GEOMETRY **GUIDELINES**

NO.	UNIT	MARKS	MARKS WITH OPTION
1	Similarity	12	15
2	Circle	10	13
3	Geometric Construction	10	12
4	Trigonometry	10	12
5	Co-ordinate Geometry	8	11
6	Mensuration	10	12
		60	75

GUIDELINES

GEOMETRY - QUESTION PAPER

Question →	1	2	3	4	5	Total
Marks →	6	10	12	12	20	60
Question ⇒	6/7	5/6	4/5	3/4	4/5	22/27
1) Similarity	1	2	3	4	5	15
2) Circle		2	3+3		5	13
3) Geometric Construction	1	2		4	5	12
4) Trigonometry	1	2		4	5	12
5) Co-ordinate Geometry	1+1	2	3	4		11
6) Mensuration	1+1	2	3		5	12
	7	12	15	16	25	75

GUIDELINES

GEOMETRY - QUESTION PAPER

Question →	1	2	3	4	5	Total
Marks →	6	10	12	12	20	60
Question →	6/7	5/6	4/5	3/4	4/5	22/27
1) Similarity	1+1	2+2		4	5	15
2) Circle	1		3	4	5	13
3) Geometric Construction		2	3+3	4		12
4) Trigonometry	1	2		4	5	12
5) Co-ordinate Geometry	1	2	3		5	11
6) Mensuration	1+1	2	3		5	12

GEOMETRY - QUESTION PAPER

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

GUIDELINES

	Q . 1				Q . 2				Q . 3			Q . 4			Q . 5				Tot		
Answer	Very short Ans				Short Answer				Short Answer			Long Answer			Long Answer						
Objective	K	U	A	S	K	U	A	S	K	U	A	S	K	U	A	S	K	U	A	S	
1) Similarity	1				2					3					4				5		15
2) Circle					2					3	3								5		13
3) Geometric Construction	1					2										4			5		12
4) Trigonometry	1				2										4				5		12
5) Co-ordinate Geometry	1	1						2				3			4						11
6) Mensuration	1	1				2				3										5	12
Total	5	2			6	4		2		9	3	3			12	4			20	5	75

GEOMETRY - QUESTION PAPER

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GUIDELINES

	Q . 1				Q . 2				Q . 3				Q . 4				Q . 5				To t
Answer  	Very short Ans				Short Answer				Short Answer				Long Answer				Long Answer				
Objective	K	U	A	S	K	U	A	S	K	U	A	S	K	U	A	S	K	U	A	S	
1)Similarity	1				2				3					4					5		15
2)Circle					2				3	3									5		13
3)Geometric Construction	1					2									4				5		12
4)Trigonometry	1				2									4					5		12
5)Co-ordinate Geometry	1	1						2				3		4							11
6) Mensuration	1	1				2			3											5	12
Total	5	2			6	4		2	9	3	3			1	4				2	5	75