

DESIGN OF THE QUESTION PAPER

FOR MARCH, 2007 EXAMINATION

MATHEMATICS – CLASS X

Time : 3 Hours

Max.Marks : 80

The weightage or the distribution of marks over different dimensions of the question paper shall be as follows:

1.Weightage to Learning Outcomes

S.No.	Learning Outcomes	Marks
1.	Knowledge	24
2.	Understanding	36
3.	Application	10
4.	Skill	10
Total		80

2. Weightage to content / subject units

S.No.	Unit	Marks
1.	Algebra	20
2.	Commercial Mathematics	10
3.	Geometry	18
4.	Trigonometry	08
5.	Mensuration	08
6.	Statistics	10
7.	Coordinate Geometry	06
Total		80

3. Weightage to forms of questions

S.No.	Form of Questions	Marks for each question	Number of questions	Total Marks
1.	SA I	2	07	14
2.	SAII	3	12	36
3.	LA	5	06	30
Total			25	80

4. Scheme of Options

All questions are compulsory i.e there is no overall choice in the question paper. However, internal choices have been provided in two questions of 2 marks each, two questions of 3 marks each and two questions of 5 marks each. These choices have been given from within the same topic and in questions which test higher mental abilities of students.

5. Weightage to Difficulty level of questions :

S.No.	Estimated Difficulty level of Questions	Percentage of marks
1.	Easy	15
2.	Average	70
3.	Difficult	15

Note :A question may vary in difficulty level from individual to individual. As such, the assessment in respect of each question will be made by the paper setter on the basis of general anticipation from the group as whole taking the examination. This provision is only to make the paper balanced in its weight, rather to determine the pattern of marking at any stage.

Based on the above design, there are three separate sample papers along with their Blue Prints. For the examination of the Board, while the design of the question papers will remain same, blue prints based on this design may change.

Though weightages to content/ subject units, objectives and forms of questions etc. have been clearly assigned, yet depending on the exigencies of the paper, these can vary to some extent in Board's examination.