SAMPLE BLUE PRINT

II PUC MATHEMATICS (35)

TIME: 3 hours 15 minute   **Max. Mark: 100**

Chapter	CONTENT	Number of Teaching hours	PART A 1 mark	PART B 2 mark	PART C 3 mark	PART D 5 mark	PART E 6 mark	PART E 4 mark	Total marks
1	RELATIONS AND FUNCTIONS	11	1	1	1	1			11
2	INVERSE TRIGONOMETRIC FUNCTIONS	8	1	2	1				8
3	MATRICES	8	1		1	1			9
4	DETERMINANTS	13	1	1		1		1	12
5	CONTINUITY AND DIFFERENTIABILITY	19	1	2	2	1		1	20
6	APPLICATION OF DAERIVATIVES	11		1	1	1			10
7	INTEGRALS	21	1	2	2	1	1		22
8	APPLICATION OF INTEGRALS	8			1	1			8
9	DIFFERENTIAL EQUATIONS	9		1	1	1			10
10	VECTOR ALGEBRA	11	1	2	2				11
11	THREE DIMENSIONAL GEOMETRY	12	1	1	1	1			11
12	LINEAR PROGRAMMING	7	1				1		7
13	PROBABILITY	12	1	1	1	1			11
	TOTAL	**150**	**10**	**14**	**14**	**10**	**2**	**2**	**150**

GUIDELINES TO THE QUESTION PAPER SETTER

1. The question paper must be prepared based on the individual blue print without changing the weightage of marks fixed for each chapter.

2. The question paper pattern provided should be adhered to.

   Part A: 10 compulsory questions each carrying 1 mark;

   Part B: 10 questions to be answered out of 14 questions each carrying 2 mark;

   Part C: 10 questions to be answered out of 14 questions each carrying 3 mark;

   Part D: 6 questions to be answered out of 10 questions each carrying 5 mark

   Part E: 1 question to be answered out of 2 questions each carrying 10 mark with subdivisions (a) and (b) of 6 mark and 4 mark respectively.

(The questions for PART D and PART E should be taken from the content areas as explained under section V in the design of the question paper)

3. There is nothing like a single blue print for all the question papers to be set. The paper setter should prepare a blue print of his own and set the paper accordingly without changing the weightage of marks given for each chapter.

4. Position of the questions from a particular topic is immaterial.

5. In case of the problems, only the problems based on the concepts and exercises discussed in the text book (prescribed by the Department of Pre-university education) can be asked. Concepts and exercises different from text book given in Exemplar text book should not be taken. Question paper must be within the frame work of prescribed text book and should be adhered to weightage to different topics and guidelines.

6. No question should be asked from the historical notes and appendices given in the text book.

7. Supplementary material given in the text book is also a part of the syllabus.

8. Questions should not be split into subdivisions. No provision for internal choice question in any part of the question paper.

9. Questions should be clear, unambiguous and free from grammatical errors. All unwanted data in the questions should be avoided.

10. Instruction to use the graph sheet for the question on LINEAR PROGRAMMING in PART E should be given in the question paper.

11. Repetition of the same concept, law, fact etc., which generate the same answer in different parts of the question paper should be avoided.