

प्रश्न-पत्र बोर्ड द्वारा निर्धारित पुस्तकों से ही सैट किया जाएगा। कृपया अध्यापकगण बोर्ड द्वारा निर्धारित पुस्तकें ही पढ़ाएँ।

DESIGN

QUESTION PAPER

Subject : **Mathematics**
Paper : **1st Semester** **Annual or Supplementary**
Class : **10+2** **Year : 2014-15**
Time : **2½ Hrs.**
Marks : **80**

1. Weightage to Objectives:

Objective	K	U	A	S	Total
Percentage of marks	45	35	12.5	7.5	100
Marks	36	28	10	06	80

2. Weightage to Form of Questions:

Forms of Questions	E	SA	VSA	O	Total
No. of Questions	04	05	10	16	35
Marks Allotted	24	20	20	16	80
Estimated Time	30 Min.	30 Min	50 Min.	40 Min.	2.30 Hrs.

3. Weightage to Content:

	<u>Units/Sub-Units</u>	<u>Marks</u>
1.	Algebra: Matrices & Determinants	24
2.	Probability	18
3.	Relation & Functions and Inverse Trigonometrical functions	20
4.	Calculus I: Continuity & Differentiability	18

Total 80

4. Scheme of Sections : -X X X X-
5. Scheme of Options : Internal Choice in long answer question i.e. essay type (one question of 6 marks)
6. Difficulty level : Difficult : 10 % marks
Average : 50 % marks
Easy : 40 % marks

Abbreviations: K (Knowledge), U (Understanding), A (Application), S (Skill), E (Essay Type), SA (Short Answer Type), VSA (Very Short Answer Type), O (Objective Type)