

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	:	Annual or Supplementary
Class	:	12th Year 2016-17
Time	:	2½ Hrs.
Marks	:	80

1. Weightage to Objectives:

Objective	K	U	A	S	Total
Percentage of marks	50	27.5	15	7.5	100
Marks	40	22	12	6	80

2. Weightage to Form of Questions:

Forms of Questions	E	SA	VSA	O	Total
No. of Questions	4	5	10	16	35
Marks Allotted	24	20	20	16	80
Estimated Time	40	30	45	35	150

3. Weightage to Content:

	<u>Units/Sub-Units</u>	<u>Marks</u>
1. Relations & Functions and Inverse Trigonometric Functions		10
2. Matrices & Determinants		12
3. Continuity and Differentiability		9
4. Application of Derivatives		6
5. Integral		6
6. Application of Integral		6
7. Differential Equation		4
8. Probability		9
9. Vectors		5
10. Three Dimensional Geometry		7
11. Linear Programming		6
Total		80

4. Scheme of Sections : X X X X
5. Scheme of Options : Internal Choice in long answer question i.e. essay type in two questions.
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)