

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

## DESIGN QUESTION PAPER

<b>Subject</b>	<b>:</b>	<b>Mathematics</b>	
<b>Paper</b>	<b>:</b>	<b>Annual or Supplementary</b>	
<b>Class</b>	<b>:</b>	<b>9<sup>th</sup></b>	<b>Year 2018-19</b>
<b>Time</b>	<b>:</b>	<b>3 Hrs.</b>	
<b>Marks</b>	<b>:</b>	<b>80</b>	

### 1. Weightage to Objectives:

Objective	K	U	A	S	Total
Percentage of marks	43	35	12	10	100
Marks	34	28	10	08	80

### 2. Weightage to Form of Questions:

Forms of Questions	E	SA	VSA	O	Total
No. of Questions	4	8	6	16	34
Marks Allotted	20	32	12	16	80
Estimated Time	48	70	30	32	180

### 3. Weightage to Content:

	<u>Units/Sub-Units</u>	<u>Marks</u>
1. Number System		06
2. Algebra Polynomials, Linear equation in two variables		14
3. Co-ordinate Geo		05
4. Euclid's Geo.		04
5. Geometry Lines & angles, Triangles, Quadrilaterals, Area of Poly & triangles, Circles.		18
6. Constructions		06
7. Mensuration Heron's formula, Surface Area & Volume		14
8. Statistics & Probability		13
	<b>Total</b>	<b>80</b>

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

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