

हरियाणा विद्यालय शिक्षा बोर्ड, भिवानी।

QUESTION PAPER DESIGN

CLASS 9th SESSION- 2020-21 TIME- 2.30 HOURS	SUBJECT- Mathematics ANNUAL/SUPPLEMENTARY MARKS- 80	BOOKS- NCERT Mathematics
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1 WEIGHTAGE TO OBJECTIVES

OBJECTIVE	K	U	A	S	TOTAL
PERCENTAGE OF MARKS	50	30	10	10	100%
MARKS	40	24	08	08	80

2 WEIGHTAGE TO FORM OF QUESTIONS

FORM OF QUESTIONS	E (5 MARKS)	SA (3 MARKS)	VSA (2 MARKS)	OBJECTIVE TYPE (1 MARK)	TOTAL
NO. OF QUESTIONS	03	05	05	40	53
MARKS ALLOTTED	15	15	10	40	80
ESTIMATED TIMES	30 Minutes	30 Minutes	20 Minutes	50 Minutes	150 Minutes

3 WEIGHTAGE TO CONTENT:

NAME OF UNITS	Marks	TOTAL MARKS
1अंक गणित- संख्या पद्धति(1)	06	06
2बीजगणित- बहुपद(2) दो चरों वाले रेखिक समीकरण (4)	14	14
3निर्देशांक ज्यामिति- निर्देशांक ज्यामिति (3)	06	06
4ज्यामिति- रेखाएं और कोण त्रिभुज(7) चतुर्भुज(8) वृत्त (10)	19	19
5रचनाएं- रचनाएं(11)	06	6
6. क्षेत्रमिति- हीरोन का सूत्र(12)पृष्ठीय क्षेत्रफल और आयतन(13)	16	16
7सांख्यिकी एवं प्रायिकता- सांख्यिकी(14) प्रायिकता(15)	13	6
	80	80

4. Scheme of Sections : _____ A , B, C, D, _____
5. Scheme of Options : Internal Choice in long answer question i.e. essay type in two questions.
6. MCQ :- 1x18= 18, One Word Answer:- 1x8= 8, Fill in the blanks:- 1x9 = 9

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