हरियाणा विद्यालय शिक्षा बोर्ड, भिवानी।

QUESTION PAPER DESIGN.

CLASS- IX SUBJECT- MATHEMATICS SESSION- ANNUAL/SUPPLEMENTARY 2020-2021 TIME- MARKS- 80	BOOKS- गणित–9 (Blind)

1 WEIGHTAGE TO OBJECTIVES

OBJECTIVE	K	U	A	S	TOTAL
PERCENTAGE OF MARKS	60	30	10	00	100
MARKS	48	24	08	00	80

2 WEIGHTAGE TO FORM OF QUESTIONS

FORM OF QUESTIONS	E (5 MARKS)	SA (3MARKS)	VSA (2 MARKS)	OBJECTIVE TYPE (1 MARKS)	TOTAL
NO. OF QUESTIONS	3	5	5	40	53
MARKS ALLOTED	3×5=15	5×3=15	5×2=10	40×1=40	80
ESTIMATED TIMES					

3 WEIGHTAGE TO CONTENT:

PART-A (MARKS)

READING COMPREHENSION- 20 MARKS			
	MARKS	NO. OF QUESTIONS	TOTAL MARKS
1. संख्या पद्धति– संख्या पद्धति(Ch.1)	10		10
2. बीज गणित– बहुपद (Ch.2), दो चरों वाले रैखिक समीकरण (Ch.4)	22		22
3. ज्यामिति– केवल परिभाषाएं एवं कोणों से सम्बन्धित प्रश्न – रेखाएं एवं कोण (Ch.6), त्रिभुज (Ch.7), चतुर्भुज (Ch.8), वृत्त (Ch.10)	12		12
4. क्षेत्रमिति– हीरोन का सूत्र (Ch.12), पृष्ठीय क्षे0 और आयतन (Ch.13)	18		18
5. सांख्यिकी एवं प्रायिकता– सांख्यिकी (Ch.14), प्रायिकता (Ch.15)	18		18

* NUMBER IN BRACKET INDICATES NUMBER OF QUESTIONS.

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. ONE FROM ALGEBRA, ONE FROM MENSURATION

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