

KENDRIYA VIDYALAYA SANGATHAN BANGALORE REGION

SESSION ENDING EXAMINATION - 2017- 18

BLUE PRINT

Class: VIII

Time: 3 HRS

SUB: Mathematics

Marks: 80

Unit/Topic	VSA (1 mark)	Short answer(2 marks)	Short answer(3 marks)	Long answer(4 marks)	Total
Linear equations in one variable	1(1)		1(3)	1(4)*	3(8)
Squares and Square Roots	1(1)		1(3)*	1(4)**	3(8)
Comparing Quantities		2(4)		1(4)*	3(8)
Algebraic expressions and identities		2(4)		1(4)*	3(8)
Visualising solid shapes			2(6)		2(6)
Mensuration	1(1)		1(3)*	1(4)	3(8)
Exponents and powers	1(1)		2(6)		3(7)
Direct and inverse proportions			1(3)*	1(4)	2(7)
Factorisation	1(1)		1(3)*	1(4)	3(8)
Introduction to graphs	1(1)	1(2)		1(4)	3(7)
Playing with numbers		1(2)	1(3)		2(5)
	6(6)	6(12)	10(30)	8(32)	30(80)

Note:

1. Numbers of question are mentioned outside the bracket.
2. Marks are written inside the bracket.
3. * indicates internal choice.
4. ** indicates value based question.

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Question Paper Design

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Sno	Typology of question	VSA	SA1	SA2	LA	TOTAL	WEIGHTAGE
1	KNOWLEDGE	2	2	2	2	20	25%
2	UNDERSTANDING	2	1	1	4	23	28%
3	APPLICATION	2	2	3	1	19	24%
4	HOTS	-	1	4	-	14	18%
5	CREATING	-	-	-	1	4	5%
TOTAL		6x1=4	6x2=12	10x3=30	8x4=32	80	100%

Design of Question Paper

Type of question	Marks per question	Total Number of question	Total Marks
MCQ	1	6	6
Short Answer 1	2	6	12
Short Answer 2	3	10	30
Long Answer	4	8	32
TOTAL			80