## KENDRIYA VIDYALAYA SITAPUR P.T. 1 EXAMINATION (2023-24) **SUBJECT: MATHEMATICS**

**CLASS: VII** 

MAX. MARKS:40 **DURATION: 1.30 HRS** 

All questions are compulsory.

## **Section A**

Question N0. 1 to 12 are M.C.Q. Choose the correct option. Each question carries 1 mark.

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(a)3 (b) -3

(c) 1

(d) -1

 $2.50 \div - 5$  equals to

(a) -10 (b) 10

(c) 5

(d)  $-5^2$ 

3. 5 – 8 equals to

(a)-13

(b) 13

(c) 3

(d) - 3

4.  $\frac{1}{2}$  of 24 equals to

(a) 12

(b) 6

(c) 18

(d) 48

 $5.12 \div \frac{3}{4}$  equals to

(a) 12 (b) 16 (c) 18 (d) 24

6.  $0.05 \times 7$  equals to

(a) 0.35

(b) 3.5

(c) 0.035

(d) 35

7. Range of the data 12, 5,11,17,7, 43, 52

(a)43

(b)44

(c)47

(d) 45

8. mode of the data 2, 3,2,4,5,6,2,8,9,2,10,9 is

(a) 9

(b)5

(c)2

(d) 4

9. Equation for ten times a is seventy

(a)  $\frac{10}{a} = 70$  (b)  $\frac{a}{10} = 70$  (c) 10 a=70 (d) 10+a=70

10. Complement of 30<sup>o</sup>

(a) 70°

(b) 150<sup>0</sup>

(c)  $60^{\circ}$ 

(d)  $90^{\circ}$ 

11. Supplement of 30°

(a)  $70^{\circ}$ 

(b) 150°

(c)  $60^{\circ}$ 

(d)  $90^{\circ}$ 

		<u>Se</u>	ection B					
13. Solve the following	g riddle							
I am A number,								
	Tell my identity							
Take me seve	n times over							
	And add	a fifty						
To reach a tri		,						
You still need forty								
14. Draw a double	Bar graph for the fo	llowing data			(4)			
Favourite Sport	Cricket	Basket ball	Swimming	Hockey	Athletics			
Watching	1240	470	510	430	250			
Participating	620	320	320	250	105			
		m B scored10,0, -40 ir	ection C  n three successive round be book in 6 days. How ma		more? (3) equired by her to read the (3)			
17.Find the mean of th	ne following Data				( )			
58, 76,40,35,46,45,12,100								
18. Solve for x 2x+6 =12								
19.Can two angles be	supplementary if both o	f them are						
(i) acute (ii) c	obtuse (iii)	right			(3)			
20. (a) Find the angle which is equal to its complement								
(b) Find the angle which is equal to its Supplement.								

(c) equal to  $45^{\circ}$ 

(d) none of these

12.An angle is more than  $45^{\circ}$ , its complementary angle will be

(a) more than  $45^{\circ}$ 

(b) less than 45°