

KENDRIYA VIDYALAYA SITAPUR
PERIODIC TEST – 1
MATHEMATICS – VII, SESSION: 2019 – 20

Max. Marks: 40

Time: 1 Hr and a Half

Note: There are four sections in this Question paper. Section A, B, C and D. Section A contains 10 Questions of 1 mark each, Section B contains 3 Questions of 2 marks each, Section C contains 4 Questions of 3 marks each and Section D contains 3 Questions of 4 marks each.

SEC –A

1. Write down a pair of integers whose difference is -10 .
2. Find the product of $(-10) \times (-4) \times (-1) \times (4)$.
3. Express 5 cm. into m and km. .
4. Find $3\frac{1}{3} \div 2\frac{1}{3}$
5. Find the range and mode of the following marks
22, 12, 5, 12, 5, 65, 5, 12, 5, 7, 8, 12, 3, 12, 15, 12, 5, 18
6. Find the probability of getting an even number in a roll of a dice.
7. Write equation for the given statement
If you take away 7 from one-seventh of a number, you get 12.
8. Write the given equation in statement form

$$\frac{p}{2} + 7 = 9$$

9. Additive inverse of -5 is
(a) 0 (b) 5 (c) $1/5$ (d) $-1/5$
10. Find $\frac{2}{3} + \frac{4}{5}$.

SEC –B

11. Verify $a - (-b) = a + b$ for $a = 21$ and $b = 18$
12. Which is greater $\frac{2}{7}$ of $\frac{3}{4}$ or $\frac{3}{5}$ of $\frac{5}{8}$.
13. Set up an equation and solve the following case
Add 4 to eight times a number; you get 60.

SEC –C

14. Ramu bought 8kg20g mangoes , 5kg 400 g apples. Rohan bought 4kg90g bananas , 9kg90g oranges.
Who bought more fruits and by how much?
15. Find the mean and median of the following marks
6, 15, 120, 50, 100, 80, 10, 15, 8, 10, 15.
16. Irfan says that he has 7 marbles more than five times the marbles Parmit has. Irfan has 37 marbles.
How
many marbles does Permit have?
17. Solve the following
(a) $-5 \times -2 \times -3$.
(b) $-3 \times 2 \times -2 \times -3$.
(c) $-13 \times 23 \times -5$

SEC –D

- (d) In a class test containing 10 questions, 5 marks are awarded for every correct answer and (-2) marks are awarded for every incorrect answer and 0 for questions not attempted.
- (i) Mohan gets four correct and six incorrect answers. What is his score?
- (ii) Heena gets two correct and five incorrect answers out of seven questions she attempts. What is her score?

(e) Consider this data collected from a survey of a colony, draw a double bar graph choosing an appropriate scale

Favourite Sport	Cricket	Basket Ball	Swimming	Hockey	Athletics
Watching	1250	450	500	400	250
Participating	625	325	325	275	125

(f) Solve the following riddle;

I am a number,

Tell my identity!

Take me seven times over

And add a fifty!

To reach a triple century

You still need forty!

KENDRIYA VIDYALAYA SITAPUR (I Shift)
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MATHEMATICS – VII , 2019 – 20
BLUE PRINT

Name of the Chapter	V.S.A. 1 Mark	S.A. I 2 Mark	S.A. II 3 Mark	L.A. 4 Mark	Total 40
INTEGERS	3(3)	1(2)	1(3)	1(4)	6(12)
FRACTIONS AND DECIMALS	3(3)	1(2)	1(3)	5(8)
DATA HANDLING	2(2)	1(3)	1(4)	4(9)
SIMPLE EQUATIONS	2(2)	1(2)	1(3)	1(4)	5(11)
Total	10(10)	3(6)	4(12)	3(12)	20(40)