

ATOMIC ENERGY CENTRAL SCHOOL-3, MUMBAI
PERIODIC TEST-1 (2024 - 25)

CLASS-VII

TIME-90 MIN

SUBJECT

MATHEMATICS

MARKS-40

1. Section-A consists of 15 MCQs of 1 mark each.
2. Section - B consists of 2 questions of 2 marks each.
3. Section - C consists of 3 questions of 3 marks each
4. Section –D consists of 3 questions of 4 marks each.

S.No.	<u>SECTION-A</u>	Marks
1.	(-11) x 7 is not equal to a. 11 x (-7) b. - (11 x 7) c. (-11) x (-7) d. 7 x (-11)	1
2.	Which of the following is not the additive inverse of a ? a. -(-a) b. a x (-1) c. -a d. a ÷ (-1)	1
3.	(-43) x (-99) + 43 is equal to a. 4300 b. -4300 c. 4257 d. -4214	1
4.	Which of the following is the value of -12 x -2 x -5? a. -120 b. 120 c. 0 d. 1	1
5.	If a and b are two integers, then which of the following may not be an integer? a. a + b b. a - b c. a x b d. a ÷ b	1
6.	The reciprocal of the fraction $\frac{2}{3}$ is a. 2 b. 3 c. $\frac{2}{3}$ d. $\frac{3}{2}$	1
7.	Which of the following is the perimeter of the rectangle of length $\frac{3}{4}$ m and breadth $\frac{1}{4}$ m? a. 2m b. 1m c. $\frac{3}{8}$ m d. 4m	1
8.	$\frac{2}{5} \times 5 \frac{1}{5}$ is equal to a. $\frac{26}{25}$ b. $\frac{52}{25}$ c. $\frac{2}{5}$ d. 6	1
9.	Which of the following is the value of 0.1 x 51.7 ? a. 517 b. 51.7 c. 0.517 d. 5.17	1
10.	The decimal expression for 8 rupees 8 paise in rupees is a. 8.8 b. 8.08 c. 8.008 d. 88.0	1
11.	The range of the data 14, 6, 12, 17, 21, 10, 4, 3 is _____ a. 21 b. 17 c. 18 d. 11	1
12.	Let x, y, z be three observations. The mean of three observations is a. $\frac{x.y.z}{3}$ b. $\frac{x+y+z}{3}$ c. $\frac{x-y-z}{3}$ d. $\frac{x.y+z}{3}$	1

13.	Which of the following is the mode of the data 1, 1, 2, 4, 3, 2, 1, 2, 2, 4 ? a.1 b.2 c. 3 d. 4	1
14.	The median of the data 3, 4, 5, 6, 7, 3, 4 is _____. a. 5 b. 3 c. 4 d. 6	1
15.	The difference between highest and lowest observations in a data is its a.Frequency b.widths c. range d. mode	1
	<u>SECTION-B</u>	
16.	Write down a pair of integers whose a. Sum is -7 b. Difference is -10	2
17.	Find a. $\frac{1}{2}$ of 0.46 b. $12 \div \frac{3}{4}$	2
	<u>SECTION-C</u>	
18.	Evaluate: a. $(-18) \times (-5) \times (-4)$ b. $(-3) \times (-6) \times (-2) \times (-11)$	3
19.	Lipika reads a book for $1\frac{3}{4}$ hours everyday. She reads the entire book in 6 days . How many hours in all were required by her to read the book ?	3
20.	A cricketer scores the following runs in eight innings: 58, 76, 46, 35, 46, 45, 0, 100. Find the mean score.	3
	<u>SECTION- D</u>	
21.	Evaluate: a. $399 - (-1) + (-20) \times (-20) - 800$ b. $(-18) \times (-5) \times (-1) \times 7$	4
22.	A bucket contains $24\frac{3}{4}$ litres of water. How many $\frac{3}{4}$ litre jugs can be filled from the bucket to get it emptied ?	4
23.	Number of children in 6 different classes are given before. CLASS Fifth Sixth Seventh Eighth Ninth Tenth NO. OF CHILDREN 135 120 95 100 90 80 a. Represent the data on bar graph. b. Which class has the maximum number of children and the minimum. c. Find the ratio of students of class sixth to the students of class tenth.	2 1 1