Bal Bharati
PUBLIC SCHOOL
LUDHIANA

Class- V (2023-24)   **Date: 05- 03-2024**

Name: …………………………   **Final Term Test(March,2024)**   **M.M. 80**
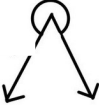
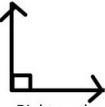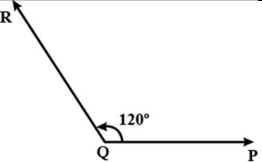**Roll No …………………**   **Subject- Mathematics**

Time: 3 hours

General Instructions:

1. The Question Paper contains five sections.

2. Section A consists of 27 questions of 1 mark each.

3. Section B consists of 1 question of   5 marks.

4. Section C consists of 5 questions of 2 marks each.

5. Section D consists of 6 questions of 3 marks each.

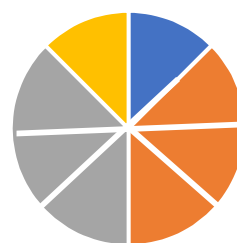**6.** Section E consists of 5 questions of 4 marks each

	Section A	
	Section A consists of 27 questions of 1 mark each.	
Q.NO.	**Tick the correct option:**	**MARKS**
1	$85°$ is a/an ………………… angle. a) obtuse b) right c) straight d) acute	1
2	Which unit is used to measure area of square of side 5 cm? a) cm b) m c) cm^2 d) m^2	1
3	$7.59 + 12.638 =$ …………………….. a) 20.228 b) 22.228 c) 2.228 d) 19.228	1
4	Pictorial representation of data using pictures is known as…… a) bar chart b) pie chart c) pictograph d) tally marks	1
5	Insert commas using International Number System: 41928056 a) 419,28,056 b) 41,928,056 c) 41,9280,56 d) 4,19,28,056	1
6	What is the greatest factor of any number? a) 1 b) number itself c) 0 d) none of these	1
7	$48 \times 500 =$ …………… a) 24000 b) 12000 c) 4800 d) 500	1

	True/ False	
8	Given angle is 130°	1
9	Formula to calculate area of rectangle is length x breadth	1
10	$18.23 - 6.5 = 10.73$	1
11	A bar chart represents data through bars.	1
12	A 7 digit number starts with hundred thousand place in International Number System.	1
13	$84613 + 1000 = 94613$	1
14	Only even prime number is 4	1
	Fill ups	
15	Angle formed between minute hand and hour hand when time is 5 o' clock is ………………………	1
16	Area of square of side 14 m is…………	1
17	$18.52 + 19.163 + 142.9 =$ ……………..	1
18	||||| ||||| || = ………………(write number)	1
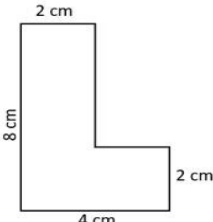
19	$8416 \div 4 = $ ……………	1
20	Period of 9 in 93,42,10,645 is…………..…	1
21	50139 is …….. by 9 (divisible/ not divisible)	1

Match it		
22	i) a) acute ii) b) reflex iii) c) right iv) Smallest composite number d) 2 v) Smallest odd composite number e) 4 vi) Smallest prime number f) 9	6

	Section B	
	Section B consists of 1 question of 5 marks.	
23	Dodging tables: a) 12 x 4 = ………… f) 17 x 9 = …... b) 13 x 5 = ………… g) 18 x 8 = ….. c) 14 x 6 = ………… h) 19 x 7 = …. d) 15 x 7 = ….…… i) 20 x 6 = …... e) 16 x 8 = ……….. j) 19 x 5 = …...	5

	Section C	
	Section C consists of 5 questions of 2 marks each. Solve the following questions:	
24	Name the following: i) Vertex ii) Name of angle	2

25	Find difference between 254.63 and 20.639	2
26	Draw a tally marks table for the following data: 28, 30, 25, 24, 30, 29, 26, 28, 29, 30, 25, 26, 24, 25, 26, 29, 24, 28, 29, 25, 29, 25, 26, 29, 30, 30, 30, 25, 26, 29, 28, 24, 29.	2
27	There are 45 students in a class. In how many different ways can the teacher divide the class into groups so that each group has equal number of students in it?	2
28	Form smallest eight digit number using $7, 1, 3, 4$ and put commas according to Indian Number System.	2
	Section D	
	Section D consists of 6 questions of 3 marks each. **Solve the following questions:**	
29	i) Write expanded form of $4,08,90,353$ in two ways ii) Write numeral: $7,00,00,000 + 40,00,000 + 8,00,000$ $+ 50,000 + 4000 + 10 + 9$	3
30	The following pie chart shows the favourite drink of 80 people. Answer the following questions: (i) How many people like tea? (ii) How many more people like hot coffee than cold drink? (iii) How many people like cold coffee?	3

Favourite drink

■ Tea   ■ Hot Coffee
■ Cold coffee ■ Cold drink

31	A rectangular field is 8 m long and 5 m wide. Find the cost of putting mat on the field at ₹ 575 per m ^{2}	3
32	Multiply: 5647 x 294	3
33	Do prime factorization of 72	3
34	Add $1345698 + 197865 + 1084765$	3

Section E		
Section E consists of 5 questions of 4 marks each. **Solve the following questions:**		

35	Find area of given figure:	4
36	Using divisibilty rules, check divisibility of 78034 by $3, 5, 2$ and 10	4
37	Divide and check: $67364 \div 28$	4

38	People were asked about their favourite ice cream flavours in a survey. Draw a bar chart for the following data:	4

Flavour of Ice Cream	Vanilla	Straw berry	Butter scotch	Chocolate	Mango
Number of people	15	5	20	5	10

39	i) Put commas in number and write number name of 678065704 according to Indian number system. ii) Put commas in number and write number name of 709543288 according to International number system.	4

ANSWER KEY

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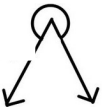
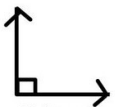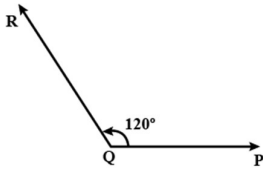Roll No …………………   **Subject- Mathematics**

Time: 3 hours

General Instructions:
1. The Question Paper contains five sections.
2. Section A consists of 27 questions of 1 mark each.
3. Section B consists of 1 question of 5 marks.
4. Section C consists of 5 questions of 2 marks each.
5. Section D consists of 6 questions of 3 marks each.
6. Section E consists of 5 questions of 4 marks each

Q.NO.	Section A	MARKS
	Section A consists of 27 questions of 1 mark each.	
	Tick the correct option:	
1	$85°$ is a/an …………………. angle. a) obtuse b) right c) straight ✓ d) acute	1
2	Which unit is used to measure area of square of side 5 cm? a) cm b) m c) ✓ cm^2 d) m^2	1
3	$7.59 + 12.638 =$ …………………….. a) ✓ 20.228 b) 22.228 c) 2.228 d) 19.228	1
4	Pictorial representation of data using pictures is known as…… a) bar chart b) pie chart c) ✓ pictograph d) tally marks	1
5	Insert commas using International Number System: 41928056 a) 419,28,056 b) ✓ 41,928,056 c) 41,9280,56 d) 4,19,28,056	1
6	What is the greatest factor of any number? a) 1 b) ✓ number itself c) 0 d) none of these	1
7	48 x 500 = …………… a) ✓ 24000 b) 12000 c) 4800 d) 500	1

	True/ False	
8	Given angle is 130° **False**	1
9	Formula to calculate area of rectangle is length x breadth **True**	1
10	$18.23 - 6.5 = 10.73$ **False**	1
11	A bar chart represents data through bars. **True**	1
12	A 7 digit number starts with hundred thousand place in International Number System. **False**	1
13	$84613 + 1000 = 94613$ **False**	1
14	Only even prime number is 4 **False**	1
	Fill ups	
15	Angle formed between minute hand and hour hand when time is 5 o' clock is <u>Obtuse angle</u>	1
16	Area of square of side 14 m is <u>196 m^2</u>	1
17	$18.52 + 19.163 + 142.9 =$ <u>180.583</u>	1
18	**N̄N N̄N II** = <u>12</u> (write number)	1
19	$8416 \div 4 =$ <u>2104</u>	1
20	Period of 9 in 93,42,10,645 is <u>Crores</u>	1
21	50139 is <u>divisible</u> by 9 (divisible/ not divisible)	1

	Match it	
	i) a) acute iii) ii) b) reflex i) iii) c) right ii) iv) Smallest composite number d) 2 vi) v) Smallest odd composite number e) 4 iv) vi) Smallest prime number f) 9 v)	
22		**6**
	Section B	
	Section B consists of 1 question of 5 marks.	

23	Dodging tables: a) 12 x 4 = 48 f) 17 x 9 = 153
	          b) 13 x 5 = 65 g) 18 x 8 = 144
	          c) 14 x 6 = 84 h) 19 x 7 = 133
	          d) 15 x 7 = 105 i) 20 x 6 = 120
	          e) 16 x 8 = 128 j) 19 x 5 = 95
		5

	Section C	
	Section C consists of 5 questions of 2 marks each. **Solve the following questions:**	
24	Name the following: i) Vertex _Q_ ii) Name of angle _PQR_	**2**

25	Find difference between 254.63 and 20.639
	
	    254.630
	 - 20.639
	    233.991
		2

26	Draw a tally marks table for the following data: 28, 30, 25, 24, 30, 29, 26, 28, 29, 30, 25, 26, 24, 25, 26, 29, 24, 28, 29, 25, 29, 25, 26, 29, 30, 30, 30, 25, 26, 29, 28, 24, 29. <table><tr><td>Number</td><td>Tally Mark</td></tr><tr><td>24</td><td>IIII</td></tr><tr><td>25</td><td>IIII I</td></tr><tr><td>26</td><td>IIII</td></tr><tr><td>28</td><td>IIII</td></tr><tr><td>29</td><td>IIII III</td></tr><tr><td>30</td><td>IIII I</td></tr></table>	**2**
27	There are 45 students in a class. In how many different ways can the teacher divide the class into groups so that each group has equal number of students in it? 45 = 1 x 45 45 = 3 x 15 45 = 5 x 9 45 = 45 x 1 45 = 15 x 3 45 = 9 x 5 The teacher can divide the class into six groups of (1 x 45, 3 x 15, 5 x 9, 45 x 1, 15 x 3, 5 x 9) students so that each group has equal number of students in it.	**2**
28	Form smallest eight digit number using $7, 1, 3, 4$ and put commas according to Indian Number System. 1,11,11,347	**2**
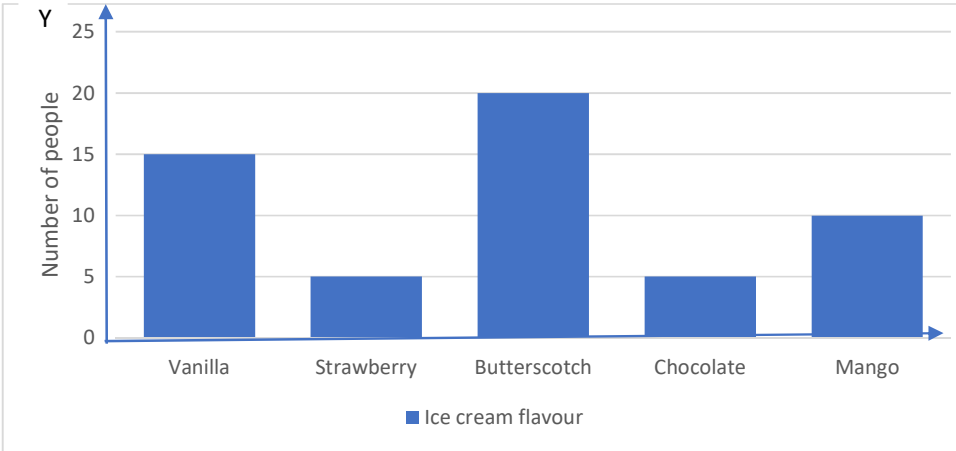
	Section D	
	Section D consists of 6 questions of 3 marks each. **Solve the following questions:**	
29	i) Write expanded form of $4,08,90,353$ in two ways 4 crores + 0 ten lakhs + 8 lakhs + 9 ten thousands + 0 thousands + 3 hundreds + 5 tens + 3 ones $4,00,00,000 + 00,00,000 + 8,00,000 + 90,000 + 0000 + 300 + 50 + 3$ ii) Write numeral: $7,00,00,000 + 40,00,000 + 8,00,000 + 50,000 + 4000 + 10 + 9$ 7,48,54,019	**3**
30	The following pie chart shows the favourite drink of 80 people. Answer the following questions: (i) How many people like tea? $\frac{1}{8}$ x 80 = 10 10 people like tea (ii) How many more people like hot coffee than cold drink? Hot coffee = $\frac{3}{8}$ x 80 = 30 Cold drink = $\frac{1}{8}$ x 80 = 10 Difference = 30 – 10 = 20 20 more people like hot coffee than cold drink (iii) How many people like cold coffee? $\frac{3}{8}$ x 80 = 30 30 people like cold coffee	**3**

Favourite drink

■ Tea   ■ Hot Coffee
■ Cold coffee ■ Cold drink

31	A rectangular field is 8 m long and 5 m wide. Find the cost of putting mat on the field at ₹ 575 per m².
	
	For rectangular field
	Length = 8 m
	Breadth = 5 m
	Area = Length x Breadth
	    = 8 m x 5 m
	    = 40m²
	Cost of putting1 m² mat = ₹ 575
	Cost of putting 40 m² mat = ₹ 575 x 40
	                = ₹ 23000
		3

32	Multiply: 5647×294
	
	    5647
	   X 294
	    22588
	    508230
	    1129400
	    1660218
		3

33	Do prime factorization of 72 2	72 2	36 2	18 72 = 2 x 2 x 2 x 3 x 3 3	9 3	3 	1	3

34	Add $1345698 + 197865 + 1084765$
	
	    1345698
	+ 197865
	    1084765
	    2628328
		3

	Section E	
	Section E consists of 5 questions of 4 marks each. **Solve the following questions:**	
35	Find area of given figure: a) For fig I, Length = 8 cm, Breadth = 2cm Area = Length x Breadth = 8 cm x 2 cm = 16 square cm For fig II, Length = 2 cm, Breadth = 2cm Area = Side x Side = 2 cm x 2 cm = 4 square cm Total area = Area of fig I + Area of fig II = 16 square cm + 4 square cm = 20 square cm	4
36	Using divisibilty rules, check divisibility of 78034 by $3, 5, 2$ and 10 <u>By 3</u> Sum of digits = $7 + 8 + 0 + 3 + 4$ = 22 78034 is not divisible by 3 because sum of digits is not divisible by 3 <u>By 5</u> 78034 is not divisible by 5 because one's place digit is not 0 or 5 <u>By 2</u> 78034 is divisible by 2 because it is an even number <u>By 10</u> 78034 is not divisible by 10 because one's place digit is not 0	4

| 37 | Divide and check: $67364 \div 28$

Check : Dividend = Divisor x Quotient + Remainder

    2405

    X 28

    19240

    48100

    67340

    +   24

    67364 = Dividend

Hence checked | 4 |

| 38 | People were asked about their favourite ice cream flavours in a survey. Draw a bar chart for the following data:

Flavour of Ice Cream	Vanilla	Straw berry	Butter scotch	Chocolate	Mango
Number of people	15	5	20	5	10		4

39	i)	Put commas in number and write number name of 678065704 according to Indian number system. 67,80,65,704 Sixty seven crores eighty lakhs sixty five thousands seven hundred four ii) Put commas in number and write number name of 709543288 according to International number system. 709,543,288 Seven hundred nine millions five hundred forty three thousands two hundred eighty eight		**4**