Bal Bharati PUBLIC SCHOOL LUDHIANA

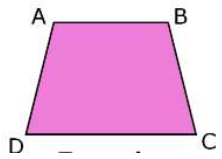
Name: …… **Class- V (2024-25)** **Date: 02-09-2024**

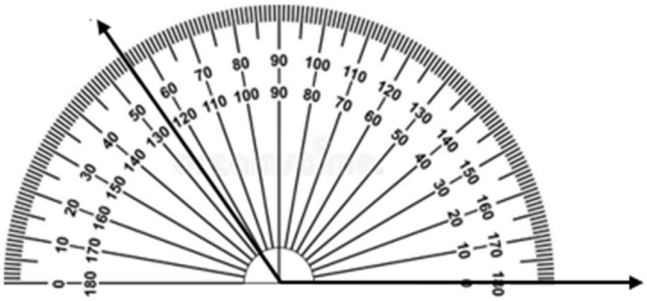
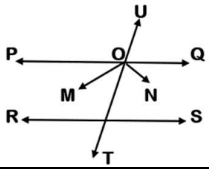
Roll No …… **Mid Term Test (August,2024)** **M.M. 60**

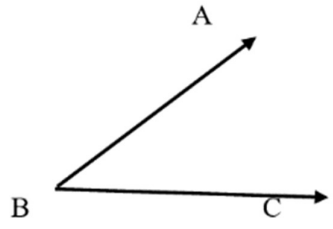
Time: 2 hours 30 minutes **Subject- Mathematics**

General Instructions:

1. The Question Paper contains five sections.
2. Section A consists of 21 questions of 1 mark each.
3. Section B consists of 1 question of 3 marks.
4. Section C consists of 4 questions of 2 marks each.
5. Section D consists of 4 questions of 3 marks each.
6. Section E consists of 4 questions of 4 marks each.

	Section A	
	Section A consists of 21 questions of 1 mark each.	
Q. No.	**Tick the correct option:**	**MARKS**
1	Round off 7896 to nearest 100 a) 7800 b) 7900 c) 7890 d) 8000	**1**
2	In the given figure AB and DC are …… lines. a) parallel b) intersecting c) perpendicular d) all of these 	**1**
3	Which of the following is a composite number? a) 5 b) 7 c) 9 d) 11	**1**
4	Number of lines of symmetry of a square are a) 1 b) 3 c) 4 d) none of these	**1**
5	When it is 1 : 30, what kind of angle is formed by the hands of the clock? a) Acute b) Obtuse c) Right d) Straight	**1**
	Fill ups	
6	Two lines which intersect each other at 90° are called …… lines.	**1**
7	Measure of a straight angle is ……	**1**
8	…….. is neither composite nor prime.	**1**
9	Mirror image of L is ……..	**1**
10	8932 rounded off to nearest 1000 is ……..	**1**
11	3 is a …… number.(prime/ composite)	**1**

12	 …… is the degree measure of given angle.	**1**
	True/False	
13	179 ˚ is a reflex angle.	**1**
14	Only even prime number is 4	**1**
15	Intersecting lines can be parallel also.	**1**
16	 In the given figure, dotted line shows line of symmetry.	**1**
	Who am I?	
17	I am a symmetrical figure which has infinite lines of symmetry. I am ….	**1**
18	I am an angle whose measure lies between 90 ˚ and 180˚. I am ……	**1**
19	I am the only even prime number. I am ……	**1**
20	I am the type of lines which never cross each other. I am. ……	**1**
21	I am the largest factor of 97. I am ……..	**1**
	Section B	
	Section B consists of 1 question of 3 marks.	
22	Dodging tables: a) 12 x 9 = …… d) 15 x 8 = ….. b) 13 x 4 = …… e) 16 x 6 = ….. c) 14 x 7 = …… f) 17 x 3 = ….	**3**
	Section C	
	Section C consists of 4 questions of 2 marks each. Solve the following questions:	
23	Can Rita make 14 groups of 2569 dancers with equal number of dancers in each group?	**2**
24	Name a ray and a line in the given figure: A ray……. A line. …… 	**2**

25	Find missing digits: A 5 9 8 6 3 - 1 9 8 7 6 D 0 B 1 C 9 8	**2**
26	Answer the following: i) Write two capital alphabets which have no line of symmetry…… ii) Write two capital alphabets which have only one line of symmetry…..	**2**
	Section D	
	Section D consists of 4 questions of 3 marks each. Solve the following questions:	
27	Identify the following as parallel, intersecting and perpendicular lines. i) Rail tracks …….. ii) Cross roads …….. iii) Letter 'K' ……..	**3**
28	Using divisibility rule of 3, 4 and 5 check divisibility of 2597.	**3**
29	Continue the pattern: i) 4, 7, 12, 19, 28, ……., …… ii) 1, 4, 9, 16, 25, ……., …….. iii) 0, 1, 1, 2, 3, 5, 8,……., …….	**3**
30	A bottle factory produces 9684 bottles a day. How many bottles will the factory produce in 46 days?	**3**
	Section E	
	Section E consists of 4 questions of 4 marks each. Solve the following questions:	
31	Simplify: 4596318 + 913285 - 1429865	**4**
32	i) Do prime factorization of 75 ii) Draw factor tree of 32	**4**
33	Name the following: i) Type of angle ……. ii) Name of angle ……. iii) Vertex …….. iv) Arms of angle ……. 	**4**
34	Divide and check: 46033 ÷ 142	**4**

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ANSWER KEY **Class- V (2024-25)** **Date: 02-09-2024**

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3. Section B consists of 1 question of 3 marks.
4. Section C consists of 4 questions of 2 marks each.
5. Section D consists of 4 questions of 3 marks each.
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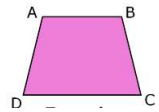
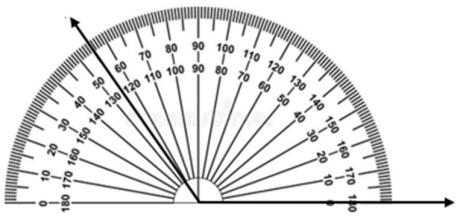
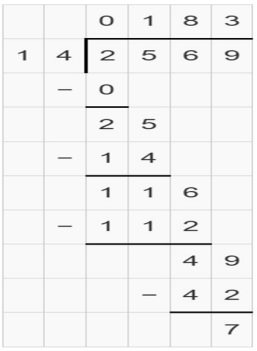
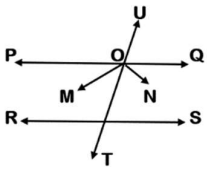
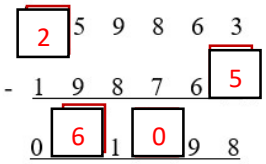
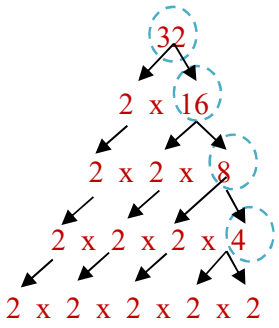
	Section A	
	Section A consists of 21 questions of 1 mark each.	
Q.NO.	**Tick the correct option:**	**MARKS**
1	Round off 7896 to nearest 100 a) 7800 b) 7900 c) 7890 d) 8000	**1**
2	In the given figure AB and DC are …… lines.  a) parallel b) intersecting c) perpendicular d) all of these	**1**
3	Which of the following is a composite number? a) 5 b) 7 c) 9 d) 11	**1**
4	Number of lines of symmetry of a square are a) 1 b) 3 c) 4 d) none of these	**1**
5	When it is 1 : 30, what kind of angle is formed by the hands of the clock? a) Acute b) Obtuse c) Right d) Straight	**1**
	Fill ups	
6	Two lines which intersect each other at 90° are called perpendicular lines.	**1**
7	Measure of a straight angle is 180°	**1**
8	1 is neither composite nor prime.	**1**
9	Mirror image of L is ……	**1**

10	8932 rounded off to nearest 1000 is 9000	**1**
11	3 is a prime number.(prime/ composite)	**1**
12	 125° is the degree measure of given angle.	**1**
	True/False	
13	179 ˚ is a reflex angle. False	**1**
14	Only even prime number is 4 False	**1**
15	Intersecting lines can be parallel also. False	**1**
16	 In the given figure, dotted line shows line of symmetry. False	**1**
	Who am I?	
17	I am a symmetrical figure which has infinite lines of symmetry. I am Circle	**1**
18	I am an angle whose measure lies between 90 ˚ and 180˚. I am Obtuse angle.	**1**
19	I am the only even prime number. I am 2	**1**
20	I am the type of lines which never cross each other. I am parallel lines.	**1**
21	I am the largest factor of 97. I am 97	**1**
	Section B	
	Section B consists of 1 question of 3 marks.	
22	Dodging tables: a) 12 x 9 = 108 d) 15 x 8 = 120 b) 13 x 4 = 52 e) 16 x 6 = 96 c) 14 x 7 = 98 f) 17 x 3 = 51	**3**

	Section C	
	Section C consists of 4 questions of 2 marks each. **Solve the following questions:**	
23	Can Rita make 14 groups of 2569 dancers with equal number of dancers in each group? Total groups = 14 Total dancers = 2569  No Rita cannot make 14 groups of 2569 dancers with equal number of dancers in each group.	**2**
24	Name 1 ray and 1 line in the given figure: One ray OM/ ON /OP / OQ/OU/ OT One line PQ / RS / TU 	**2**
25	Find missing digits: 	**2**
26	Answer the following: i) Write two capital alphabets which have no line of symmetry B/F/G/J//L/N/P/Q/R/S/Z ii) Write two capital alphabets which have only one line of symmetry A/C/D/E/M/T/U/V/W/Y	**2**
	Section D	
	Section D consists of 4 questions of 3 marks each. **Solve the following questions:**	
27	Identify the following as parallel, intersecting and perpendicular lines. i) Rail tracks parallel lines ii) Cross roads perpendicular lines iii) Letter 'K' intersecting lines	**3**
28	Using divisibility rule of 3, 4 and 5 check divisibility of 2597.	**3**

	By 3 Sum of digits = 2+ 5+ 9 + 7 = 23 2597 is not divisible by 3 because sum of digits i.e.23 is not divisible by 3 By 4 2597 is not divisible by 4 because last two digits i.e. 97 is not divisible by 4 By 5 2597 is not divisible by 5 because last digit is not 0 or 5	
29	Continue the pattern: iv) 4, 7, 12, 19, 28, 39, 52 v) 1, 4, 9, 16, 25, 36, 49 vi) 0, 1, 1, 2, 3, 5, 8, 13, 21	**3**
30	A bottle factory produces 9684 bottles a day. How many bottles will the factory produce in 46 days? Number of bottles produced in 1 day = 9684 Number of bottles produced in 46 days = 9684 x 46 The factory will produce 445464 bottles in 46 days 9684 × 46 + 58104 + 38736 = 445464	**3**
	Section E	
	Section E consists of 4 questions of 4 marks each. **Solve the following questions:**	
31	Simplify: 4596318 + 913285 - 1429865 4596318 + 913285 = 5509603 5509603 - 1429865 = 4079738	**4**
32	i) Do prime factorization of 75 3 | 75 5 | 25 5 | 5 1 75 = 3 x 5 x 5	**4**

<table>
<tr>
<td></td>
<td>ii) Draw factor tree of 32
 

32 = 2 x 2 x 2 x 2 x 2</td>
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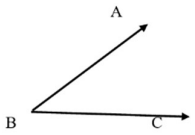
<tr>
<td>33</td>
<td>Name the following:
i) Type of angle Acute
ii) Name of angle ABC
iii) Vertex B
iv) Arms of angle BA , BC
 
</td>
<td>4</td>
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<tr>
<td>34</td>
<td>Divide and check: 46033 ÷ 142
<table>
<tr><td></td><td></td><td></td><td>0</td><td>0</td><td>3</td><td>2</td><td>4</td></tr>
<tr><td>1</td><td>4</td><td>2</td><td>4</td><td>6</td><td>0</td><td>3</td><td>3</td></tr>
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<tr><td></td><td></td><td></td><td>4</td><td>6</td><td></td><td></td><td></td></tr>
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<tr><td></td><td></td><td></td><td></td><td></td><td></td><td>2</td><td>5</td></tr>
</table>
Check:
Dividend = Divisor x Quotient + Remainder
324
X 142
648
12960
32400
46008
+ 25
46033 = Dividend
Hence checked</td>
<td>4</td>
</tr>
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