Dr. A. Q. Khan School & College, Bahria Town Phase-8, Islamabad

MODEL PAPER MATHEMATICS CLASS V

Time Allowed: 20 Minutes

Name:_____ **Section:** _____

Date:_____ **Invigilator's Signature:**_____

Section-A (12 Marks)

Q. No 1: Encircle the Correct Option: **(12)**

No.	Statement	A	B	C	D
i.	The place value of 2 in the number 6 985 621 is?	2	20	200	2000
ii.	The cube of 5 is?	125	521	215	152
iii.	I am 7-digit number. My tens digit is 5. What number am I?	3 454 559	3 455 409	9 054 509	3 904 509
iv.	The LCM of two or more prime numbers is always equal to their_____.	Prime Factors	Quotient	LCM	Product
v.	The Prime factorization of 16 is:	2x8	1x16	2x2x2x2	2x4x2
vi.	Which of these is the composite number?	1	2	3	4
vii.	What is missing Number? $\frac{9}{12} - \frac{1}{4} = \frac{?}{6}$	12	1	2	3
viii.	$\frac{2}{7} = \frac{8}{\square}$	16	14	28	32
ix.	The number of pieces will be found by dividing $\frac{8}{5}$ by $\frac{4}{10}$ are:	2	4	6	8
x.	7.78_____7.70	<	>	=	≤
xi.	20% of 540 is:	37	108	27	270
xii.	What percentage of Earth is Water?	71%	81%	61%	75%

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Time Allowed: 2.10 Hrs **Total Marks: 48**

Section-B (30 Marks)

Q. No 2: Solve the following: **(10×3=30)**

<table>
<tr><th>No.</th><th>Statement</th><th></th><th></th><th>Statement</th><th></th></tr>
<tr><td>i.</td><td>Copy and complete the sequence table:
<table>
<tr><td>a)</td><td>123</td><td>223</td><td></td><td></td><td></td></tr>
<tr><td>b)</td><td>50</td><td>100</td><td></td><td></td><td></td></tr>
</table></td><td>03</td><td>OR</td><td>Copy and complete the sequence table:
<table>
<tr><td>1^2</td><td>1x1</td><td>1</td></tr>
<tr><td>2^2</td><td></td><td>4</td></tr>
<tr><td>3^2</td><td>3x3</td><td></td></tr>
<tr><td></td><td>4x4</td><td>16</td></tr>
<tr><td>5^2</td><td>5x5</td><td></td></tr>
<tr><td></td><td></td><td>36</td></tr>
<tr><td>8^2</td><td></td><td></td></tr>
<tr><td></td><td></td><td>81</td></tr>
<tr><td></td><td>10x10</td><td></td></tr>
</table></td><td>03</td></tr>
<tr><td>ii.</td><td>Subtract the following:
846 109 – 591 089</td><td>03</td><td>OR</td><td>Copy and fill in the missing numbers in this sequence: 12, ___, ___, 18, ___, 24.</td><td>03</td></tr>
<tr><td>iii.</td><td>Find LCM of the following using Division Method:
35, 60, 75</td><td>03</td><td>OR</td><td>A prime number when added to 101 gives an odd prime number. Find it.</td><td>03</td></tr>
<tr><td>iv.</td><td>Ali, Ahmed and Umer exercise physical training after every 10,18 and 20 days respectively. If they all are exercising today. Find out when will they next exercise on the same day again.</td><td>03</td><td>OR</td><td>Find HCF of the following:
5,35,40</td><td>03</td></tr>
<tr><td>v.</td><td>Find the number which results in $4\frac{5}{9}$ when multiplied by $6\frac{1}{6}$.</td><td>03</td><td>OR</td><td>The length of side of a square is $1\frac{5}{6}$ meters If the perimeter of square is 4 × length of a side. Calculate the perimeter of the square.</td><td>03</td></tr>
<tr><td>vi.</td><td>Solve: $1\frac{4}{7} + 2\frac{13}{28} + \frac{3}{4}$</td><td>03</td><td>OR</td><td>Solve: $9\frac{1}{9} \times 10\frac{1}{3} \times 5\frac{1}{2}$</td><td>03</td></tr>
<tr><td>vii.</td><td>Copy and complete the Table:
<table>
<tr><th></th><th>Fraction</th><th>Decimal</th><th>Percent</th></tr>
<tr><td>a)</td><td>$\frac{21}{50}$</td><td></td><td></td></tr>
<tr><td>b)</td><td></td><td></td><td>82%</td></tr>
<tr><td>c)</td><td></td><td>0.65</td><td></td></tr>
</table></td><td>01
+
01
+
01</td><td>OR</td><td>Convert $\frac{9}{25}$ and 0.71 into percentage.</td><td>03</td></tr>
</table>

viii.	Simplify: **$1.1 \times 10 + (4.2 - 2) \times 3.7$**	**03**	**OR**	Simplify: **$25 \times \frac{3}{5} + 2.5 - 5 \times (4.2 - 3.4)$**	**03**
ix.	Solve the following: **356 219 × 101**	**03**	**OR**	Solve: 9 . 8 5 x 5 6 _____	**03**
x.	Ali got 65 marks in Urdu test and Subhan got 90 marks in the Urdu test. Who got more marks and how many marks more than the other?	**03**	**OR**	Out of 200 kg of onions 160 kg were sold. Express the result in fraction, decimal and percentage.	**03**

Section-C (18 Marks)

Solve the following: **(6×3=18)**

No	Statement			Statement	
Q.3	Find the smallest number that is completely divisible by 32 and 55.	***06***	**OR**	Find HCF of the following using Division Method: 22 , 28 , 32	***06***
Q.4	Rabia completed one round of the park and covered a distance of $2\frac{1}{2}$ kilometers. If she takes three rounds of the park. How much distance will she cover?	***06***	**OR**	Solve: $2\frac{58}{60} \div 4\frac{2}{9}$	***06***
Q.5	Given below is a price list of different fruits: **Fruits** / **Price per kg** Apples / Rs. 125 Bananas / Rs. 40 Mangoes / Rs. 80 Grapes / Rs. 100 **Answer the following questions:** **a)** Which fruit is the cheapest? **b)** Find the total cost of bananas and mangoes. **c)** I have Rs. 50 which fruit can I buy? **d)** Which fruit costs more grapes or apples?	***1.5 + 1.5 + 1.5 + 1.5***	**OR**	Ali wants to buy a chocolate which costs Rs. 75.25. How much amount will be required to buy 40 chocolates? If Ali has Rs. 2000 how much more money will be required?	***03 + 03***