

BOARD OF INTERMEDIATE AND SECONDARY EDUCATION PESHAWAR
GRADE – V ASSESSMENT 2017

MATHEMATICS

Roll No.						
Student Name: _____ (In Capital)						

Center No. _____
Center Name: _____
Superintendent Name/ Stamp: _____

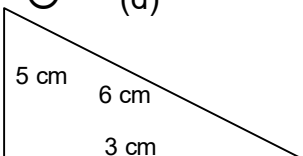
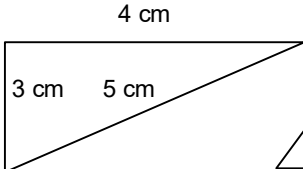
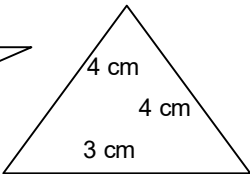
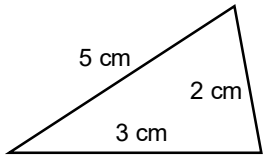
ہدایات:

- 1- ہر سوال کے چار ممکنہ جوابات دیے گئے ہیں۔ ان میں سے صرف ایک جواب درست ہے۔ آپ نے درست جواب کے دائرے کو سامنے دیے گئے طریقے سے مکمل سیاہ کرنا ہے۔
- 2- دائروں کو شیڈ بھرنے کے لیے کالے یا نیلے رنگ کا پین استعمال کریں۔
- 3- جواب میں ایک سے زیادہ دائرے بھرنے سے جواب غلط تصور ہوگا۔

Time Allowed: 45 Minutes

SECTION – A

Total Marks: 30


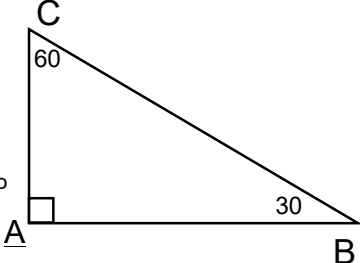
Q.1	700,876 – 690,123 = <input type="radio"/> 100753 <input type="radio"/> 10753 <input type="radio"/> 110753 <input type="radio"/> 12753	Q.4	Which fraction is equal to 0.5? <input type="radio"/> $\frac{5}{10}$ <input type="radio"/> $\frac{1}{4}$ <input type="radio"/> $\frac{1}{20}$ <input type="radio"/> $\frac{1}{10}$	
Q. 2	$\frac{2}{3} \times \left(\frac{1}{2} + \frac{3}{4}\right) = \left(\frac{2}{3} \times \frac{1}{2}\right) + \left(\frac{2}{3} \times \text{---}\right)$ <input type="radio"/> $\frac{3}{6}$ <input type="radio"/> $\frac{3}{4}$ <input type="radio"/> $\frac{1}{2}$ <input type="radio"/> $\frac{2}{3}$	Q. 5	A pencil cost Rs.30/-. It is reduced by 50%. What is the new price? <input type="radio"/> 10 <input type="radio"/> 15 <input type="radio"/> 45 <input type="radio"/> 50	
Q. 3	Which of following is equal to $\frac{3}{4}$ <input type="radio"/> $\frac{12}{8}$ <input type="radio"/> $\frac{6}{8}$ <input type="radio"/> $\frac{16}{8}$ <input type="radio"/> $\frac{9}{8}$	Q. 6	54 km is equal to <input type="radio"/> 540m. <input type="radio"/> 5400m. <input type="radio"/> 54000m. <input type="radio"/> 540000m.	
Q.7	Which of these is an isosceles triangle? <input type="radio"/> (a) <input type="radio"/> (b) <input type="radio"/> (c) <input type="radio"/> (d)			
	 (a)	 (b)	 (c)	 (d)

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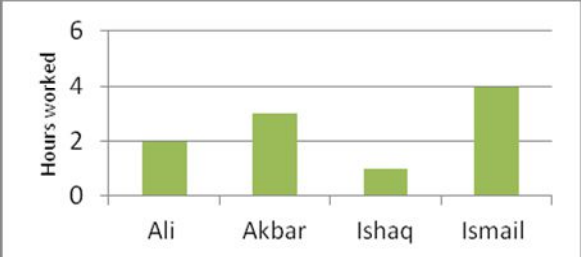
Q. 8	An angle of 45° is called. <input type="radio"/> reflex angle. <input type="radio"/> acute angle. <input type="radio"/> obtuse angle. <input type="radio"/> right angle.	Q.14	The sum of $\frac{7}{9}$ and $\frac{2}{3}$ <input type="radio"/> $\frac{9}{12}$ <input type="radio"/> $\frac{11}{11}$ <input type="radio"/> $\frac{3}{13}$ <input type="radio"/> $\frac{9}{9}$ <input type="radio"/> $\frac{14}{9}$
Q.9	How many centimeters are there in 1.3 meters? <input type="radio"/> 133 cm <input type="radio"/> 103 cm <input type="radio"/> 113 cm <input type="radio"/> 130 cm	Q.15	$1.5 + 1.5 =$ <input type="radio"/> 1.10 <input type="radio"/> 2.10 <input type="radio"/> 3 <input type="radio"/> 2.25
Q.10	The name of the given figure is <input type="radio"/> rectangle <input type="radio"/> square <input type="radio"/> trapezium <input type="radio"/> parallelogram 	Q.16	The fourth proportional of 1,2 and 3 is <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 6
Q.11	The value of angle 'A' in the figure is <input type="radio"/> 30° <input type="radio"/> 60° <input type="radio"/> 90° <input type="radio"/> 120° 	Q.17	The average of 3, 6 and 9 is <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 9 <input type="radio"/> 18
Q.12	Area of a rectangle = _____. <input type="radio"/> length + width <input type="radio"/> length \times length <input type="radio"/> width \times width <input type="radio"/> length \times width	Q.18	$\frac{1}{4} \div \frac{1}{4} =$ <input type="radio"/> 1 <input type="radio"/> $\frac{2}{8}$ <input type="radio"/> $\frac{1}{16}$ <input type="radio"/> $\frac{1}{4}$
Q.13	Hundred thousand is equal to <input type="radio"/> 1000 lacs <input type="radio"/> 100 lacs <input type="radio"/> 10 lacs <input type="radio"/> 1 lac	Q.19	The lower limit of 25 - 29 is <input type="radio"/> 4 <input type="radio"/> 25 <input type="radio"/> 29 <input type="radio"/> 54

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Q.20	<p>100°C is equal to</p> <p><input type="radio"/> 212oF</p> <p><input type="radio"/> 180oF</p> <p><input type="radio"/> 132oF</p> <p><input type="radio"/> 100oF</p>	Q.26	<p>In a geometry box, the ratio of pencil and eraser is 2:1 if there are 12 pencils then the number of erasers will be?</p> <p><input type="radio"/> 6</p> <p><input type="radio"/> 8</p> <p><input type="radio"/> 12</p> <p><input type="radio"/> 24</p>										
Q.21	<p>Place value of 4 in 5643256 is</p> <p><input type="radio"/> tens place</p> <p><input type="radio"/> thousands place</p> <p><input type="radio"/> ten thousand place</p> <p><input type="radio"/> hundred thousand place</p>	Q.27	<p>The fare of one passenger from Peshawar to Islamabad is 190. How much fare will be of 8 passengers in Rs?</p> <p><input type="radio"/> 720</p> <p><input type="radio"/> 820</p> <p><input type="radio"/> 1420</p> <p><input type="radio"/> 1520</p>										
Q.22	<p>Find the least capacity of a room that can accommodate 12 students, 16 students and 24 students exactly.</p> <p><input type="radio"/> 12</p> <p><input type="radio"/> 16</p> <p><input type="radio"/> 24</p> <p><input type="radio"/> 48</p>	Q.28	<p>Ali plays for 3 hours 20 minutes daily. How many minutes he plays daily?</p> <p><input type="radio"/> 60</p> <p><input type="radio"/> 180</p> <p><input type="radio"/> 200</p> <p><input type="radio"/> 320</p>										
Q.23	<p>0.06 + 1.4 =</p> <p><input type="radio"/> 0.20</p> <p><input type="radio"/> 0.46</p> <p><input type="radio"/> 1.10</p> <p><input type="radio"/> 1.46</p>	Q.29	<p>What will be the sum of three million five thousand and fifty seven million eighty one thousand?</p> <p><input type="radio"/> 600,860</p> <p><input type="radio"/> 600,86,000</p> <p><input type="radio"/> 60008600</p> <p><input type="radio"/> 600,86,0000</p>										
Q.24	<p>The price of one egg is Rs.7. The price of 1 dozen eggs will be</p> <p><input type="radio"/> Rs. 14</p> <p><input type="radio"/> Rs. 84</p> <p><input type="radio"/> Rs. 148</p> <p><input type="radio"/> Rs. 168</p>	Q.30	<p>Look at the following graph:</p>  <table border="1"> <caption>Hours Worked by Students</caption> <thead> <tr> <th>Student</th> <th>Hours Worked</th> </tr> </thead> <tbody> <tr> <td>Ali</td> <td>2</td> </tr> <tr> <td>Akbar</td> <td>3</td> </tr> <tr> <td>Ishaq</td> <td>1</td> </tr> <tr> <td>Ismail</td> <td>4</td> </tr> </tbody> </table>	Student	Hours Worked	Ali	2	Akbar	3	Ishaq	1	Ismail	4
Student	Hours Worked												
Ali	2												
Akbar	3												
Ishaq	1												
Ismail	4												
Q.25	<p>The perimeter of a square is 80 cm. Its area will be</p> <p><input type="radio"/> 2 cm²</p> <p><input type="radio"/> 4 cm²</p> <p><input type="radio"/> 6 cm²</p> <p><input type="radio"/> 8 cm²</p>		<p>Identify which student studies least hour.</p> <p><input type="radio"/> Ali</p> <p><input type="radio"/> Akbar</p> <p><input type="radio"/> Ishaq</p> <p><input type="radio"/> Ismail</p>										

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ہدایات:

- 1- ہر سوال کا جواب دینا ضروری ہے۔
- 2- جواب دینے سے پہلے سوال کو غور سے پڑھیں۔
- 3- سوال کا جواب دی گئی جگہ پر تحریر کریں۔

Time Allowed: 75 Minutes

SECTION – B

Total Marks: 45

Q.1 Simplify the following. 3 Marks
 $17 + [12 - \{ 9 + (6 \div 2) \}]$

Q.2 Find the LCM by division method through prime factorization 36, 54, 96. 5 Marks

Q.3 Solve $8\frac{1}{4} - 6\frac{1}{7} =$ 5 Marks

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Q.4 The ratio of boys and girls in a class is 3:4. If there are 35 students in a class. Find the number of boys and girls in the class. 5 Marks

Q. 5 Saad covered 15% of the total distance of 450km. How much distance did he cover? 4 Marks

Geometry

Q.6 Using compass draw a ΔABC such that $m\bar{AB} = 4cm$, $m\bar{BC} = 6cm$, $m\bar{CA} = 4.4cm$ 5 Marks

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Q.7 Construct a rectangle with the help of protector and set square/scale of length 6 cm and width 2.5 cm. 5 Marks

Q.8 The area of a square garden is 400m^2 . Find its perimeter. 5 Marks

Information Handling

Q.9 Shahid Afridi score 8, 66, 22, 14, 48 and 92 in six innings. What is his average score? 5 Marks

Q.10 The study hours of some students are given below. Use the given information and draw a bar graph. 3 Marks

Hour	1	2	3	4	5	6
Students	12	10	14	8	6	4