

BOARD OF INTERMEDIATE AND SECONDARY EDUCATION PESHAWAR
GRADE – V MODEL PAPER 2017

MATHEMATICS

Roll No.						
Student Name: _____ (In Capital)						

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

ہدایات:

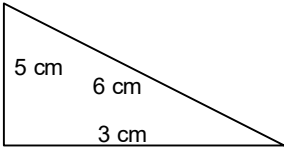
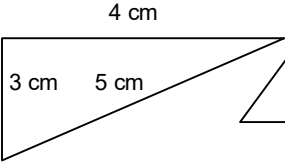
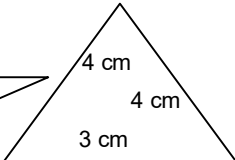
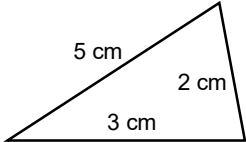
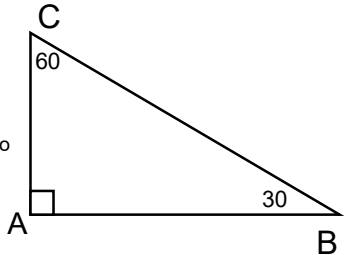
- 1- ہر سوال کے چار ممکنہ جوابات دیے گئے ہیں۔ ان میں سے صرف ایک جواب درست ہے۔ آپ نے درست جواب کے دائرے کو سامنے دیے گئے طریقے سے مکمل سیاہ کرنا ہے۔
- 2- دائروں کو شیڈ بھرنے کے لیے کالے یا نیلے رنگ کا پین استعمال کریں۔
- 3- جواب میں ایک سے زیادہ دائرے بھرنے سے جواب غلط تصور ہوگا۔

Time Allowed: 45 Minutes

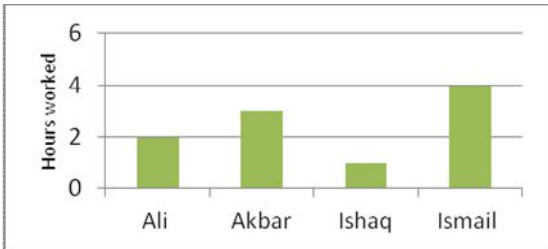
SECTION – A

Total Marks: 30

1.	$700,876 - 690,123 =$ A. 100753 B. 10753 C. 110753 D. 12753	2.	Which of the following fractions is equal to 0.5? A. $\frac{5}{10}$ B. $\frac{1}{4}$ C. $\frac{1}{20}$ D. $\frac{1}{10}$
3.	$\frac{2}{3} \times \left(\frac{1}{2} + \frac{3}{4}\right) = \left(\frac{2}{3} \times \frac{1}{2}\right) + \left(\frac{2}{3} \times \text{---}\right) =$ A. $\frac{1}{3}$ B. $\frac{1}{4}$ C. $\frac{1}{2}$ D. $\frac{1}{6}$	4.	A pencil costs Rs. 30. If its price is reduced by 50%, what will be its new price? A. 10 B. 15 C. 45 D. 50
5.	Which of following is equal to $\frac{3}{4}$? A. $\frac{12}{16}$ B. $\frac{6}{8}$ C. $\frac{16}{8}$ D. $\frac{8}{16}$	6.	54 km is equal to A. 540 m. B. 5400 m. C. 54000 m. D. 540000 m.

7.	Which of the following is an isosceles triangle? A. (a) B. (b) C. (c) D. (d)  (a)  (b)  (c)  (d)
8.	An angle of 45° is called A. a reflex angle. B. an acute angle. C. an obtuse angle. D. a right angle.
9.	The value of angle 'A' in the figure is A. 30° B. 60° C. 90° D. 120° 
10.	How many centimeters are there in 1.3 meters? A. 133 cm B. 103 cm C. 113 cm D. 130 cm
11.	Area of a rectangle = A. length + width B. length $\times$ length C. width $\times$ width D. length $\times$ width
12.	The given figure is a A. rectangle. B. square. C. trapezium. D. parallelogram. 
13.	Hundred thousand is equal to A. 1000 lacs B. 100 lacs C. 10 lacs D. 1 lac

14.	The sum of $\frac{7}{9}$ and $\frac{2}{3}$ will be A. $\frac{9}{12}$ $\frac{11}{11}$ B. $\frac{3}{13}$ $\frac{13}{13}$ C. $\frac{9}{14}$ $\frac{14}{14}$ D. $\frac{9}{9}$ $\frac{14}{9}$	15.	$\frac{1}{4} \div \frac{1}{4} =$ A. $\frac{1}{2}$ B. $\frac{2}{8}$ $\frac{1}{1}$ C. $\frac{16}{16}$ $\frac{1}{1}$ D. $\frac{1}{4}$ $\frac{1}{4}$
16.	$1.5 + 1.5 =$ A. 1.10 B. 2.10 C. 3.0 D. 2.25	17.	The lower limit of 25 - 29 is A. 4 B. 25 C. 29 D. 54
18.	The fourth proportional of 1, 2 and 3 is A. 1 B. 2 C. 3 D. 6	19.	100 °C is equal to A. 212 °F B. 180 °F C. 132 °F D. 100 °F
20.	The average of 3, 6 and 9 is A. 5 B. 6 C. 9 D. 18	21.	The place value of 4 in 56<u>4</u>3256 is A. tens place. B. thousands place. C. ten thousand place. D. hundred thousand place.
22.	The least capacity of a room that can accommodate 12 students, 16 students and 24 students exactly will be A. 12 B. 16 C. 24 D. 48	23.	The fare of one passenger from Peshawar to Islamabad is Rs. 190. How much fare will be of 8 passengers in rupees? A. 720 B. 820 C. 1420 D. 1520
24.	$0.06 + 1.4 =$ A. 0.20 B. 0.46 C. 1.10 D. 1.46	25.	Ali plays for 3 hours 20 minutes daily. How many minutes does he play daily? A. 60 B. 180 C. 200 D. 320

26.	The price of one egg is Rs.7. The price of 1 dozen eggs will be A. Rs. 14 B. Rs. 84 C. Rs. 148 D. Rs. 168	27.	What will be the sum of three million five thousand and fifty seven million eighty one thousand? A. 600,860 B. 600,86,000 C. 60008600 D. 600,86,0000										
28.	The perimeter of a square is 80 cm. Its area will be A. 2 cm^2 B. 4 cm^2 C. 6 cm^2 D. 8 cm^2	29.	Look at the following graph.  <table border="1"><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> Which of the following students studies the least? A. Ali B. Akbar C. Ishaq D. Ismail	Student	Hours worked	Ali	2	Akbar	3	Ishaq	1	Ismail	4
Student	Hours worked												
Ali	2												
Akbar	3												
Ishaq	1												
Ismail	4												
30.	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 A. 6 B. 8 C. 12 D. 24												

Result.pk

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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.
 $17 + [12 - \{ 9 + (6 \div 2) \}]$

3 Marks

Result.pk

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

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

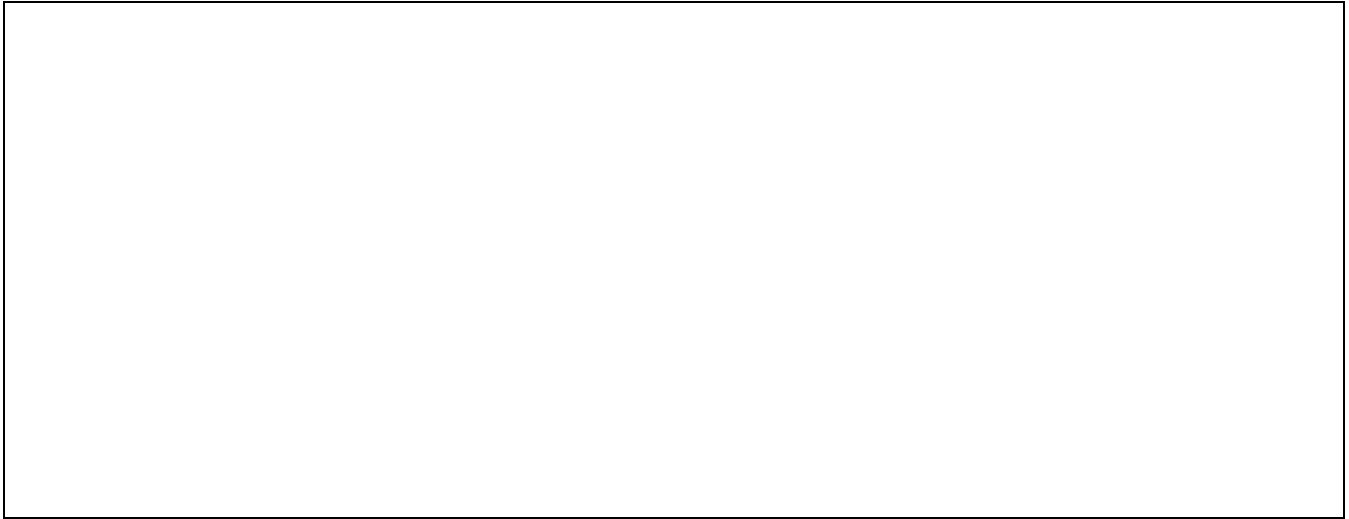
Result.pk

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

4 Marks

Q.6 Using compass draw a $\triangle ABC$ such that
 $m\overline{AB} = 4\text{cm}$, $m\overline{BC} = 6\text{cm}$, $m\overline{CA} = 4.4\text{cm}$

5 Marks



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 400 m^2 . Find its perimeter.

5 Marks

Q.9 Shahid Afridi scored 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 to draw a bar graph.

3 Marks

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

Result.pk