

Paper: MathsTotal Marks: 70Month Test: 5th Term

Obt. Marks: _____

Theme/Unit: _____

Weekly Test: ____/____

Objective/Subjective:

ID: _____

Worksheets: ____/____

Name: _____

class: 6th

Section: ____

Grand Total: _____

**Q : no : 1 Encircle the correct option .****/10**

1) Bisection means to divide the line into _____ equal parts.

a) One

b) two

c) three

d) four

2) If we bisect a 90° angle, we get two _____ angles.

a) 30°

b) 15°

c) 40°

d) 45°

3) Sum of all angles of a triangle is _____.

a) 360°

b) 270°

c) 180°

d) 90°

4) A triangle has _____ elements.

a) 4

b) 5

c) 6

d) 7

5) The word geometry comes from two _____ words.

a) Latin

b) Greek

c) German

d) Arabic

6) _____, a Muslim Mathematician described several constructions with a ruler and compass having one fixed radius.

a) Abdul Kalam Azad

b) Abu Al-Wafa

c) Dr. Abdul Salam

d) M.Ibn-e-Musa al-Khwarizmi

7) Perimeter of square _____

a) L

b) 2L

c) 4L

d) 16 L

8) Perimeter of Rectangle is _____.

a) L+W

b) L x W

c) 2(L + W)

d) 2(L x W)

9) The formula to find the area of trapezium is _____.

a) $a + \frac{(b_1 + b_2)}{2}$ b) $a \times \frac{(b_1 + b_2)}{2}$ c) $a - \frac{(b_1 + b_2)}{2}$ d) $a \times \frac{(b_1 - b_2)}{2}$

10) Sum of the sides of a shape is called its _____.

a) Perimeter

b) Space

c) Width

d) Area

11) _____ is a line segment which is drawn between the opposite vertices of rectangle.

a) Altitude

b) Area

c) Diagonal

d) Base

12) Area of rectangle is _____.

a) $4L$

b) $L \times W$

c) $2(L + W)$

d) $2(L \times W)$

13) Two lines are said to be _____ to each other if the angle formed between them is right angle.

a) Altitude

b) Perpendicular

c) Base

d) None of these

14) Two non-parallel lines meet at common end, they formed _____.

a) Angle

b) Triangle

c) line Segment

d) Rectangle

15) Area of triangle is _____.

a) $\frac{1}{2} (\text{Altitude} \times \text{Base})$

b) $\frac{1}{2} (\text{Altitude} + \text{Base})$

c) $2(\text{Altitude} \times \text{Base})$

d) $2(\text{Altitude} + \text{Base})$



Question: no: 2

/12

a) Find the perimeter of the square if the length of one side is 13 cm?

b) Find the perimeter of rectangle if its length is 15 cm and width is 7 cm?

/4

c) Find the length of rectangle if its width is 14 m and its area is 252m^2 .

/4

Question no 3:**/12**

a) Construct the angle of 160° with the help of protector and divide them into four equal parts by using a compass?

b) Draw the following triangle using a compass and ruler.

/4

$\overline{LN} = 7 \text{ cm}$, $\angle L = 60^\circ$, $\angle N = 105^\circ$

c) Construct the angle of 90° by using compass?

/4

Question no 4:**/8**

a) Draw a line segment of 9.5 cm and bisect it?

/3

b) Draw a line segment $\overline{XY} = 8$ cm construct a perpendicular at point Z on it such that $\overline{XZ} = 3$ cm . /5

Question no 5:

/8

Find the area of a trapezium ABCD, if the length of two bases are 12 cm and 18 cm respectively and the perpendicular distance between two bases is 9 cm.


