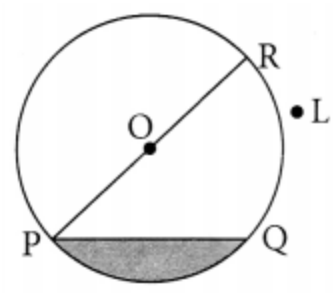
Azaan International School

WORKSHEET *(2022-23)*

Name: **Subject: Math** **Grade: VI___**

I. Multiple choice questions:

Q.No 1-4 are based on the diagram given below.



1. Shaded region is representing_____

2._____ is a diameter of the circle.

3._____ is a chord of the circle.

4._____is a radius of the circle

5. Least number of line segments required to make a polygon is ( )

(a) 1 (b) 2 (c) 3 (d) 4

6. Find 'False' statement. ( )

(a) Two diameters of a circle will necessarily intersect.

(b) The center of a circle always lies in the interior.

(c) The diameter is half of the radius of a circle.

(d) Longest chord is nearer to the center of the circle.

7. Number of lines which can be drawn passing through two given points: ( )

(a) 1 (b) 2 (c) 3 (d) An infinite number

8. In addition and subtraction of two integers, sign of the answer depends upon ( )

(a) smaller number (b) their difference (c) their sum (d) greater numerical value

9. Sum of -36 and 29 is ( )

(a) -65 (b) 65 (c) -7 (d) 7

10. Sum of -19 and -21 is ( )

(a) -40 (b) 40 (c) 2 (d) -2

11. The pair of integers whose sum is -5 ( )

(a) 1 & -4 (b) -1 & 6 (c) -3 & -2 (d) 5 & 0

12. The decimal form $\frac{7}{10} + \frac{6}{100} + \frac{4}{1000}$ can be written as

(a) 76.40 (b) 7.640 (c) 0.764 (d) 764.0

13.

Column I	Column II
(a) The integer, which is neither positive nor negative	(i) 1
(b) The greatest negative integer	(ii) -2
(c) The smallest positive integer	(iii) 0
(d) The predecessor of the greatest negative integer	(iv) -1

14. Write down the following as decimals

(a) $5 + \frac{1}{100}$ _____

(b) $40 + 5 + \frac{1}{10} + \frac{2}{100}$ _____

(c) $\frac{71}{100}$ _____

15. Express as km using decimals

(a) 7 mm _____

(b) 32 km 51m _____

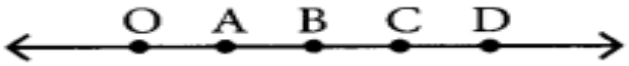
(c) 26 paise = Rs _____

16. One side of a regular pentagon is 5 cm. Its perimeter is: ( ) (a) 10 cm (b) 25 cm (c) 15 cm (d) 50 cm

17.

Column I	Column II
(a) Perimeter of a square	(i) side × side
(b) Perimeter of a rectangle	(ii) Length × Breadth
(c) Area of a square	(iii) 2[Length + Breadth]
(d) Area of rectangle	(iv) 4 × side

Q.No (18-22) will be based on diagram below



18. A is the mid-point of line segment _____

19. B is the mid-point of line segment _____ and line segment_____ also.

20. OC + CD = _____

21.OC – OA = _____

22. Name the line segment whose length is equal to 3 times OA