Name: _____   Student's No.: _____   Level/Class: <u>P6/1</u>

I. Multiple Choice. Choose the letter of your answer. (24 points)

1) A _____ is a closed figure with **3 sides and 3 angles**.

a. triangle   **b.** square   **c.** rectangle   **d.** rhombus

2) A _____ is 2-dimensional shape with **4 sides and 4 angles**.

a. triangle   **b.** quadrilateral   **c.** pentagon   **d.** circle

3) A right angle is equal to 90°, an acute angle is between 0° and 89° and an **obtuse angle** is between_____.

a. 0° and 90°   **b.** 91° and 180°   **c.** 91° and 179°   **d.** 0° and 360°

4) Which of these triangles is **not** included in the **group according to sides**?

a. equilateral   **b.** isosceles   **c.** scalene   **d.** acute-angled

5) Which of these triangles is **not** included in the **group according to angles**?

a. acute-angled   **b.** isosceles   **c.** right-angled   **d.** obtuse-angled

6) Which of the following is an **equilateral triangle**?

a.   **b.**   **c.**   **d.**
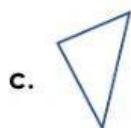
7) Which of the following is a **right-angled triangle**?

a.   **b.**   **c.**   **d.**
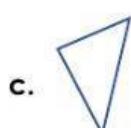
8) The **sum of the angles** in a triangle is equal to _____.

a. 180°

b. 45°

c. 360°

d. 90°

9) Find the size of **B$\widehat{A}$C**.
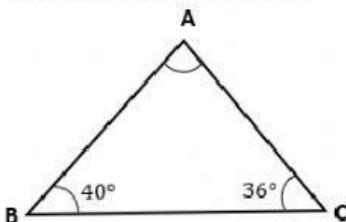

a. 104°

b. 94°

c. 60°

d. 84°

10) XYZ is an **isosceles triangle** Find the size of **X$\widehat{Y}$Z**.
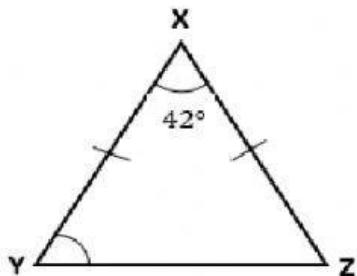

a. 56°

b. 69°

c. 96°

d. 79°

11) Look at the figure and find the **perimeter** of triangle **XYZ**.
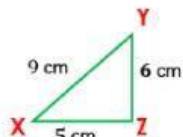
a. 9 cm

b. 20 cm

c. 20 m

d. 30 cm

12) **RST is an isosceles triangle**. Find its **perimeter**.
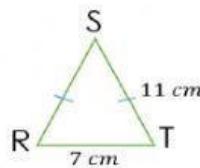
a. 11 cm

b. 18 cm

c. 25 cm

d. 29 cm

13) In an **equilateral triangle DEF** has a side of **5 m**. Find its **perimeter**.

a. 5 m

b. 10 cm

c. 10 m

d. 15 m

14) Look at the figure. Find the **area** of triangle ABC.
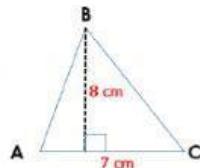
a. 15 cm **b.** 15 cm^2 **c.** 28 cm **d.** 28 cm^2

15) ABCD is a rectangle. Find the **area of the shaded triangle**.
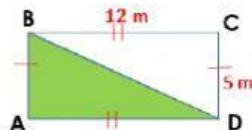
a. 17 cm **b.** 30 cm **c.** 30 cm^2 **d.** 60 cm^2

16) A **square DEFG** has a side of **9 cm**. Find its **perimeter**.

a. 9 cm **b.** 18 cm **c.** 36 cm **d.** 36 cm^2

17) **RSTU is a rectangle** with **length 4 m and width 2 m**. Find its **perimeter**.

**a.** 2 cm **b.** 4 cm **c.** 8 cm **d.** 12 cm

18) **KLMN is a parallelogram** with $\overline{KL}$ and $\overline{LM}$ are **8 centimetres and 6 centimetres** respectively. Find its **perimeter**.


a. 14 cm **b.** 18 cm **c.** 28 cm **d.** 48 cm

19) **KITE is a kite** with $\overline{KI}$ and $\overline{IT}$ are **5 centimetres and 10 centimetres** respectively. Find its **perimeter**.
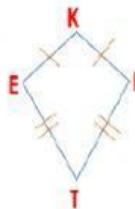

a. 15 cm **b.** 30 cm **c.** 50 cm **d.** 55 cm

20) Find the **perimeter of a trapezium ROST.**
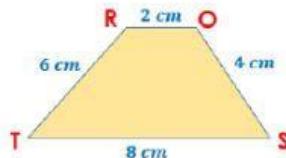
a. 10 cm **b.** 14 cm **c.** 18 cm **d.** 20 cm

21) Find the **area of a rectangle.**

a. 13 cm **b.** 13 cm^2 **c.** 36 cm **d.** 36 cm^2

22) Find the **area of a square.**
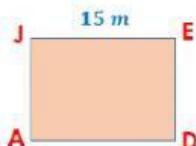
a. 30 m^2 **b.** 225 m^2 **c.** 255 m^2 **d.** 325 m^2

23) Find the **area of parallelogram KATE.**

a. 13 cm **b.** 13 cm^2 **c.** 36 cm **d.** 36 cm^2

24) **GLUE** is a **rhombus** with $\overline{GU}$ *is* **6 centimetres** and $\overline{EL}$ *is* **8 centimetres.** Find its **area.**
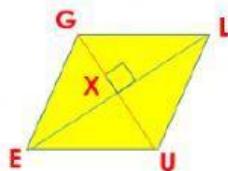
a. 14 cm^2 **b.** 24 cm^2 **c.** 48 cm^2 **d.** 50 cm^2

II. Match A to B. (6 points)

A

B

25) **parallelogram** ●   ●
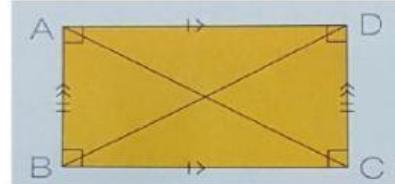
26) **square** ●   ●
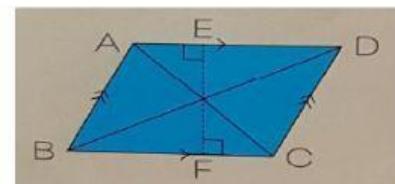
27) **rectangle** ●   ●
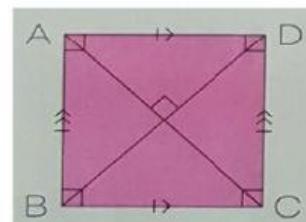
28) **kite** ●   ●

29) **rhombus** ●   ●

30) **trapezium** ●   ●