AREA AND PERIMETER

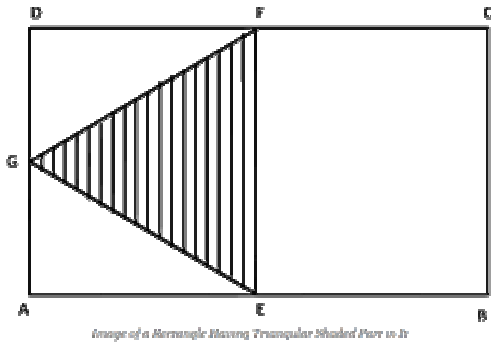**Choose the Correct options:**

1. The area of a rectangular field of length 20m and breadth 15m is ————-
   A. 200 sq m
   B. 250 sq m
   C. 300 sq m

2. The perimeter of a square of side 25m is ———
   A. 75m
   B. 100m
   C. 125 m

3. The area of a triangle whose base is 7 cm and height 4 cm is ————
   A. 28 sq cm
   B.14 sq cm
   C. 22 sq cm

4. If the area of the parallelogram is 32 sq cm and the base is 4 cm, then height is ————
   A. 128 cm
   B. 8 cm
   C. 64 cm

5. The distance around a circular region is known is its ———
   A. Perimeter
   B. Circumference
   C. Area

6. The circumference of a circle of diameter 10 cm is ————
   A. 31.4 cm
   B. 3.14 cm
   C. 314 cm

7. The circumference of a circle with radius 14 cm is ————
   A. 88 cm
   B. 44 cm
   C. 22 cm

8. 1 sq meter is ————- sq cm.
   A. 10000 sq cm
   B. 1000 sq cm
   C. 100 sq cm

9. 10000 sq meter is ———
   A. 1 Hectare
   B. 1 Acre
   C. 1 Cent

10. ——— is the part of plane occupied by the closed figure.
   A. Area
   B. Perimeter
   C. Volume

11. The length of a minute hand of a wall clock is 5.6 cm. Find the area swept by it in an hour.
   A. 90 sq cm
   B. 101.56 sq cm

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C. 98.56 sq cm

12. Width of a rectangle is 0.56 hectometers and its area is 1792 sq m. The length is
_____
     A. 40 m
     B. 32 m
     C. 72 m

13. Calculate the area of the shaded region of the following figure. ABCD is a rectangle having length 40 cm, breadth 30 cm. E, F and G are midpoints of AB, CD and AD respectively.

Image of a Rectangle Having Triangular Shaded Part in It

     A. 900 sq cm
     B. 300 sq cm
     C. 600 sq cm

14. 60 square tiles of equal size were needed to cover a floor area of 135 sq m. What is the length of each tile?
     A. 105 cm
     B. 150 cm
     C. 115 cm

15. The area of a parallelogram is 72 sq cm and its altitude is twice the corresponding base. The length of the base is
     A. 5 cm
     B. 6 cm
     C. 8 cm

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