



Sub-strand 3.3 — AREA

SECTION A — MULTIPLE CHOICE (20 marks)

1. Area of rectangle 8 m × 5 m =
   A. 13 m² B. 40 m² C. 26 m² D. 20 m²
2. Area of triangle base 10 m height 6 m =
   A. 60 m² B. 30 m² C. 16 m² D. 100 m²
3. Area of circle radius 7 cm ≈ (π = 3.14)
   A. 153.86 cm² B. 43.96 cm²
   C. 308 cm² D. 14 cm²
4. Area of square side 12 m =
   A. 144 m² B. 48 m²
   C. 24 m² D. 12 m²
5. 1 hectare =
   A. 100 m² B. 1 000 m²
   C. 10 000 m² D. 4047 m²
6. Area of rhombus with diagonals 10 cm and 8 cm =
   A. 40 cm² B. 80 cm² C. 90 cm² D. 18 cm²
7. Area of trapezium bases 8 m and 5 m, height 4 m =
   A. 26 m²
   B. 52 m²
   C. 13 m²
   D. 16 m²
8. If area of square is 81 m², side =
   A. 9 m B. 8 m C. 81 m D. 3 m
9. A circle diameter 14 m area
   A. π × 7²
   B. π × 14²
   C. π × 28²
   D. 314 m²
10. Area of parallelogram base 6 m height 3 m =
    A. 18 m² B. 9 m² C. 36 m² D. 6 m²
11. An area of 0.5 ha equals:
    A. 5 000 m² B. 50 000 m² C. 500 m² D. 50 m²
12. If area of a rectangle is 120 m² and length 15 m, breadth =
    A. 8 m B. 12 m C. 10 m D. 5 m
13. A small circle (r = 3 cm) inside larger circle (r = 8 cm). Shaded area between =
    A. 55π B. 11π C. 7π D. 55 cm²
14. Area of border made by rectangle outer 12×8 and inner cutout 8×4 = outer − inner = 96 − 32 = 64 m². True or false?
    A. True B. False C. Cannot say D. Need π
15. If area = 50 m² and one side of square = √50, what is nearest integer side?
    A. 7 B. 5 C. 6 D. 8

WORKING SPACE



