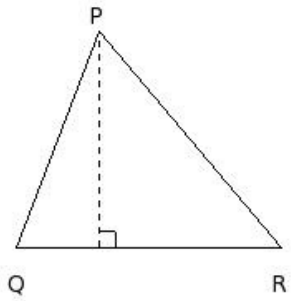
EduSahara™ Assignment

Name : Areas

Chapter : Areas

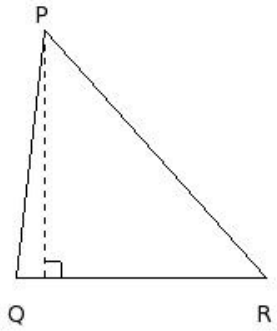
Grade : SSC Grade IX

1. In △PQR, if QR = 16 cm, RP = 17 cm and the corresponding height of side QR = 13.04 cm, then area of the triangle =



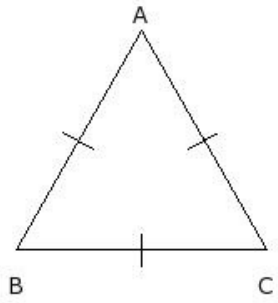
(i) 91.32 sq.cm (ii) 116.32 sq.cm (iii) 108.32 sq.cm (iv) 104.32 sq.cm (v) 89.32 sq.cm

2. In △PQR, if base QR = 15 cm and the corresponding height of side QR = 14.91 cm, then area of the triangle =



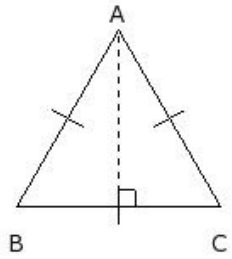
(i) 111.80 sq.cm (ii) 123.80 sq.cm (iii) 124.80 sq.cm (iv) 96.80 sq.cm (v) 98.80 sq.cm

3. If perimeter of an equilateral triangle 45 cm, the area of the equilateral triangle =



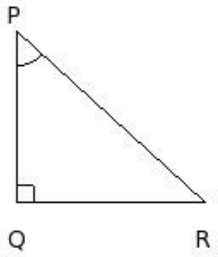
(i) 94.43 sq.cm (ii) 92.43 sq.cm (iii) 97.43 sq.cm (iv) 102.43 sq.cm (v) 100.43 sq.cm

4. If height of an equilateral triangle is 10.39 cm, the area of the equilateral triangle =



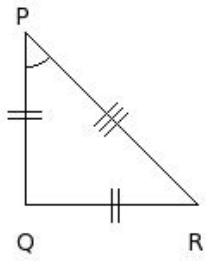
(i) 65.35 sq.cm (ii) 67.35 sq.cm (iii) 57.35 sq.cm (iv) 62.35 sq.cm (v) 59.35 sq.cm

5. In a right angled triangle △PQR, if the base QR = 11 cm and the corresponding height is 10 cm, then area of the triangle =



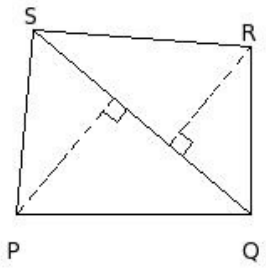
(i) 60.00 sq.cm (ii) 50.00 sq.cm (iii) 52.00 sq.cm (iv) 58.00 sq.cm (v) 55.00 sq.cm

6. In an isosceles right angled triangle △PQR, if QR = 10 cm is one of the equal sides, then area of the triangle =



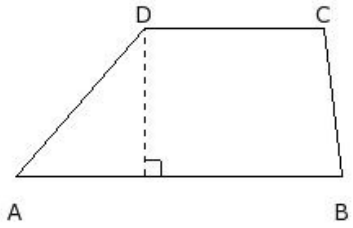
(i) 50.00 sq.cm (ii) 45.00 sq.cm (iii) 47.00 sq.cm (iv) 53.00 sq.cm (v) 55.00 sq.cm

7. In quadrilateral PQRS, if diagonal QS = 17.00 cm, perpendiculars from the vertices P and R to the diagonal QS are 9.02 cm and 7.62 cm respectively, then area of the quadrilateral =



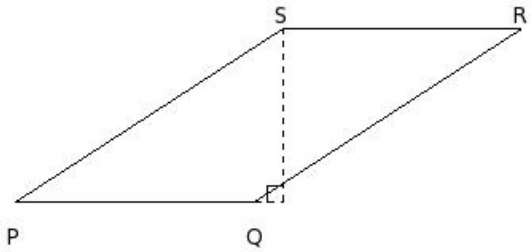
(i) 154.44 sq.cm (ii) 141.44 sq.cm (iii) 157.44 sq.cm (iv) 116.44 sq.cm (v) 135.44 sq.cm

8. In trapezium ABCD, if distance between the parallel sides is 8.97 cm and lengths of the parallel sides AB = 20.00 cm and CD = 11.00 cm, then area of the trapezium =



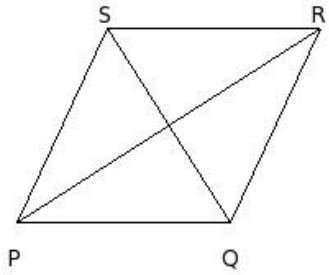
(i) 112.03 sq.cm (ii) 139.03 sq.cm (iii) 155.03 sq.cm (iv) 167.03 sq.cm (v) 132.03 sq.cm

9. In parallelogram PQRS, if base PQ = 15.00 cm and the corresponding height is 10.85 cm, then area of the parallelogram =



(i) 174.75 sq.cm (ii) 177.75 sq.cm (iii) 162.75 sq.cm (iv) 146.75 sq.cm

10. In rhombus PQRS, if diagonals QS = 14.00 cm and PR = 21.91 cm, the area of the rhombus =



(i) 158.37 sq.cm (ii) 136.37 sq.cm (iii) 153.37 sq.cm (iv) 175.37 sq.cm

Assignment Key

1) (iv)	2) (i)	3) (iii)	4) (iv)	5) (v)	6) (i)
7) (ii)	8) (ii)	9) (iii)	10) (iii)		