

VII - Mathematics Assignment No-09 - Perimeter and AreaM. C. Q.

- Q1. The area of a llgm is 3200 m^2 . If the corresponding altitude is 40 m . The side of the llgm is
 (i) 80 m (ii) 40 m (iii) 60 m (iv) 100 m
- Q2. The area of a rhombus whose base is 5.6 cm and altitude 3.8 cm is
 (i) 20.28 cm^2 (ii) 21.28 cm^2 (iii) 31.28 cm^2 (iv) 32.28 cm^2
- Q3. The area of a Δ with base 18 cm and altitude is 10 cm is
 (i) 180 cm^2 (ii) 170 cm^2 (iii) 90 cm^2 (iv) 100 cm^2
- Q4. The area of a Δ is 84 m^2 . If base is 12 cm , corresponding height is
 (i) 17 cm (ii) 16 cm (iii) 15 cm (iv) 14 cm .
- Q5. Two sides of a right angled Δ containing right angle is 10.2 cm and 14.5 cm . Its area is
 (i) 73.95 cm^2 (ii) 72.95 cm^2 (iii) 72.75 cm^2 (iv) 70.95 cm^2
- Q6. The area of an equilateral Δ of side 5 cm is
 (i) $\frac{25\sqrt{3}}{4}$ (ii) $\frac{25\sqrt{3}}{2}$ (iii) $\frac{25\sqrt{3}}{8}$ (iv) none of these

Cont Pg-2

Q7. The area of a circle with radius 7cm is

- (i) 154 cm^2 (ii) 164 cm^2 (iii) 174 cm^2 (iv) 184 cm^2

Q8. If the area of a circle is 2464 cm^2 then its perimeter is

- (i) 150 cm (ii) 176 cm (iii) 146 cm (iv) 188 cm

Q9. The radii of two concentric circles are 7m and 9m. The area enclosed between them is

- (i) 90 m^2 (ii) 90.47 m^2 (iii) 100 m^2 (iv) 100.57 m^2

Q10. A cow is tied with a rope of 7m. The grass grazed by the cow is

- (i) 144 m^2 (ii) 140 m^2 (iii) 154 m^2 (iv) 164 m^2

ANSWERS:-

(Q1) (i)	(Q5) (i)	(Q9) (iv)
(Q2) (ii)	(Q6) (i)	(Q10) (iii)
(Q3) (iii)	(Q7) (i)	
(Q4) (iv)	(Q8) (ii)	