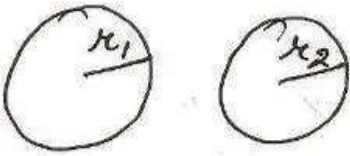


(3)



area of I \odot = area of II \odot

$$\pi r_1^2 = \pi r_2^2$$

$$\Rightarrow r_1^2 = r_2^2$$

$$\Rightarrow r_1 = r_2$$

Circumference of I \odot
Circum. of II \odot

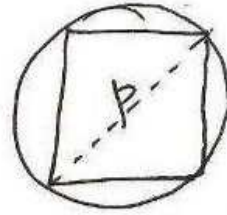
$$= \frac{2\pi r_1}{2\pi r_2}$$

$$= \frac{r_1}{r_1} \quad (\because r_1 = r_2)$$

$$= 1$$

\therefore True

(14)



diagonal of square
= diameter of \odot

$$d = p$$

$$\begin{aligned} \text{area of square} &= \frac{1}{2} d^2 \\ &= \frac{1}{2} p^2 \\ &\quad \text{cm}^2 \end{aligned}$$

\therefore False