

OBJECTIVE TYPE QUESTIONS

Mark the correct alternative in each of the following:

A circle of radius r cm has a diameter of length

- (a) r cm (b) $2r$ cm (c) $4r$ cm (d) $\frac{r}{2}$ cm

A chord of a circle passing through its centre is equal to its

- (a) radius (b) diameter (c) circumference (d) none of these

The total number of diameters of a circle is

- (a) 1 (b) 2 (c) 4 (d) uncountable number

By joining any two points on a circle, we obtain its

- (a) radius (b) diameter (c) chord (d) circumference

5. The longest chord of a circle is equal to its

- (a) radius (b) diameter (c) circumference (d) perimeter

6. How many circles can be drawn to pass through two given points?

- (a) 1 (b) 2 (c) 0 (d) As many as possible

7. How many circles can be drawn to pass through three non-collinear points?

- (a) 1 (b) 2 (c) 0 (d) As many as possible

ANSWERS

1. (b) 2. (b) 3. (d) 4. (c) 5. (b) 6. (d) 7. (a)