

## 10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The angle subtended by an arc at the centre of a circle is called its:	A. Outer angle B. Central angle C. Complementary angle D. Supplementary angle
2	If $\tan \theta = \sqrt{3}$ then $\theta$ is equal to .	A. $30^\circ$ B. $45^\circ$ C. $60^\circ$ D. $90^\circ$
3	$A \subseteq B$ then $A - B =$ _____	A. A B. B C. $\emptyset$ D. B - A
4	In a set of observation. 5,5,7,9,9,9,11,11,11,11,12,12 the mode is:	A. 9 B. 11 C. Both 9 and 11 D. None of these
5	$1 + \tan^2 \theta =$ .....	A. $\sin^2 \theta$ B. $\cos^2 \theta$ C. $\csc^2 \theta$ D. $\sec^2 \theta$
6	E - O = .....	A. $\emptyset$ B. O C. E D. Z
7	<div style="border: 1px solid black; padding: 2px; display: inline-block;">Question Image</div>	A. $\frac{\text{Proper fraction}}$ B. Rational fraction C. Improper fraction D. Irrational fraction
8	The length of a chord and the radial segment of a circle are congruent, the central angle made by the chord will be:	A. $30^\circ$ B. $45^\circ$ C. $60^\circ$ D. $75^\circ$
9	$1^\circ =$ .....	A. $180\pi$ radian B. $\pi$ radian C. $\frac{\pi}{180}$ radian D. $180/\pi$ radian
10	The measure of the external angles of a regular hexagon is:	
11	$\tan 60^\circ =$ .....	A. $1/2$ B. $\sqrt{3}/2$ C. $\sqrt{3}$ D. $1/\sqrt{3}$
12	$3\pi/4$ radians =.....	A. $115^\circ$ B. $135^\circ$ C. $150^\circ$ D. $30^\circ$
13	Formula of arc length is.	A. $l = r\theta$ B. $r = l\theta$ C. $\theta = lr$ D. $l = r/\theta$
14	The semi circumference, and the diameter of a circle both subtend a central angle of:	A. $90^\circ$ B. $180^\circ$ C. $270^\circ$ D. $360^\circ$

15 Co sec  $60^\circ = \dots\dots\dots$

- A.  $1/2$   
 B.  $\sqrt{3}/2$   
 C. 2  
 D.  $2/\sqrt{3}$

16 A single fraction which is the simplified form of two or more than two fractions is called:

- A. Proper fraction  
 B. Improper fraction  
 C. Rational fraction  
 D. Resultant fraction

17  $3\pi/2$  Radian = \_\_\_\_\_

- A.  $30^\circ$   
 B.  $135^\circ$   
 C.  $180^\circ$   
 D.  $270^\circ$

18 The chord length of a circle subtending a central angle of  $180^\circ$  is always:

- A. Less than radial segment  
 B. Equal to the radial segment  
 C. Double of the radial segment  
 D. None of these

19 The ratio of a and b is written as:

- B.  $a : b$   
 C.  $a : b$   
 D.  $a = b$

20 Question Image