

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

Sr	Questions	Answers Choice
1	Sum of the roots =	
2	If variance is equal to 36 then the standard deviation will be:	A. 36 B. 6 C. -6 D. none of these
3	Formula of arc length is.	A. $l=r\theta$ B. $r=l\theta$ C. $\theta =lr$ D. $l=r/\theta$
4	Question Image	
5	Identify the equation whose roots are imaginary and unequal:	A. $2x^2-x+1=0$ B. $x^2+8x+16=0$ C. $3x^2+4x+2=0$ D. $x^2-7x+7=0$
6	Pi radians is equal to:	A. $150^\circ$ B. $160^\circ$ C. $180^\circ$ D. $240^\circ$
7	The value obtained by reciprocating the mean of the reciprocal of $x_1, x_2, x_3, \dots, x_n$ observation is called.....	A. Geometric mean B. Median C. Harmonic mean D. S.D
8	$\text{Co sec } 45^\circ =$ .....	A. 1 B. $\sqrt{2}$ C. $1/\sqrt{2}$ D. 0
9	Number of ways to solve quadratic equation are:	A. 1 B. 2 C. 3 D. 4
10	In which quadrant only $\cos\theta$ and $\sec\theta$ are positive?	A. I B. II C. III D. IV
11	Question Image	B. bc
12	$\sin 60^\circ =$	A. 1 B. 0
13	The factors of $3x^2-7x-20=0$ are:	A. $(x-4)(3x+5)$ B. $(x+4)(3x-5)$ C. $(x-4)(3x-5)$ D. $(x+4)(3x+5)$
14	Question Image	A. 2 B. 1 C. 0
15	Radii of a circle are:	A. All equal B. Double of the diameter C. All unequal D. Half of any chord
16	The $n^{\text{th}}$ positive root of the product of the $x_1, x_2, x_3, \dots, x_n$ observations is called:	A. Mode B. Mean C. Geometric mean
17	If $\theta$ lies in 2nd (second) quadrant then $\sin \theta$ and $\text{cosec} \theta$ are:	A. negative B. positive C. zero D. undefined
18	Which is one is a quadrantal angel?	A. $30^\circ$ B. $45^\circ$ C. $60^\circ$

C. 90<sup>o</sup>  
D. 90<sup>o</sup>

19 An equation involving impression of the variable under \_\_\_\_\_ is called radical equation:

- A. Second degree
- B. Exponent
- C. Radical
- D. Cube

20 The difference between upper limit of two consecutive classes in a frequency table is called:

- A. Class limit
- B. Class interval
- C. Class mark
- D. All of these