

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

Sr	Questions	Answers Choice
1	In which quadrate all trigonometric rations are positive?	A. I B. II C. III D. IV
2	Co sec $60^\circ = \dots\dots\dots$	A. $1/2$ B. $\sqrt{3}/2$ C. 2 D. $2/\sqrt{3}$
3	The number of methods to solve a quadratic equation is:	A. 1 B. 2 C. 3 D. 4
4	A part of circumference of a circle is called.	A. Radians B. CFhord C. Sector D. Arc
5	The standard deviation is 6 then its variance is.....	A. <p class="MsoNormal"><span style="line-height: 107%;">&gt;<math>\sqrt{6}</math>&lt;!--[endif]--&gt;&lt;/span&gt;&lt;!--[endif]--&gt;&lt;span style="font-size: 18.0pt; line-height: 107%; font-family: "Times New Roman"; serif; mso-ascii-theme-font: major-bidi; mso-hansi-theme-font: major-bidi;"&gt;&lt;o:p&gt;&lt;/o:p&gt;&lt;/span&gt;&lt;/p&gt;</span></p> B. 36 C. 3 D. 6
6	Circles having three points in common:	A. Over lapping B. Collinear C. Not coincide
7	A tangent line intersects the circle at:	A. Three points B. Twopoints C. Single point D. No point at all
8	The measure which determines the middle-most observation in a data set is called:	A. Median B. Mode C. Mean
9	Ange inscribed in a semi-circle is a _____ angle:	A. Abtuse B. Right C. Supplementary D. Acute
10	Mean is affected by change in _____:	A. Place B. Scale C. Rate D. Origen
11	The mean of the squared deviations of $x_1, (i = 1, 2, \dots, n)$ observations from their arithmetic mean is called.....	A. Variance B. Standard deviation C. Range D. Mode
12	If an object is above the level of observation then angle formed between the horizontal line and observer's line of sight is called:	A. Angle of dispersion B. Angle of elevation C. Obtuse angle D. None of these
13	OU E = .....	A. $\emptyset$ B. O C. E D. Z
14	Throught how many non-collinear points a circle can pass ?	A. One B. Two C. Three D. -

D. Four

15 If  $A \subseteq B$  then  $A - B$  is equal to

- A. A
- B. B
- C.  $\emptyset$

16 Point  $(-1, 4)$  lies in the quadrant:

- A. I
- B. II
- C. III
- D. IV

17 The discriminant of  $x^2+8x+16=0$ :

- A. 4
- B. 3
- C. 2
- D. 0

18 The number of elements in the power set of  $\{1,2,3,4\}$ .

- A. 4
- B. 8
- C. 16
- D. 0

19 A tangent is perpendicular to the radius of a circle at its point of:

- A. Tangent
- B. Touch
- C. Contact
- D. Meet

20 The angle subtended by an arc at the circumference of a circle is called a:

- A. Acute angle
- B. Circum angle
- C. Abtue angle
- D. Ascribe angle