

10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
2	The number of element in power set $\{1,2,3\}$ is.	A. 4 B. 8 C. 6 D. 9
3	A quadratic factor is:	A. ax^2+bx+c B. $ax+b$ C. $Ax+B+c$ D. $bx+c$
4	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
5	The system of measurement in which angle is measured in radian is called.	A. C.G.S System B. Sexagesimal system C. M.K.S.System D. circular system
6	1 minute = _____ degree	A. 1/60 B. 60 C. 1/3600 D. 3600
7	The circumference of a circle is called:	A. Tangent B. Chord C. Boundary D. Segment
8	A straight line which cuts the circumference of a circle in two distinct points is called:	A. chord B. secant C. tangent D. sector
9	Equal chords of a circle (or of congruent circles) subtend equal _____ at the centre (corresponding centres):	A. Arcs B. Angles C. Regions D. Chords
10	The sum of 30 observations is 1500. Its average will be:	A. 1500 B. 150 C. 15 D. None of these
11	If number of elements in set A is 3 and in set B is 2, then number of binary relations in $A \times B$ is.	A. 3 B. 4 C. 7 D. 12
12	In which quadrant 0 lie when $\sin\theta < 0, \sec\theta < 0$?	A. I B. II C. III D. IV
13	An _____ is defined as the union of two non-col-linear rays with some common end point:	A. angle B. vertex C. initial side D. terminal
14	The extent of variation between two extreme observations in a data is called.	A. Average B. Range C. Quartiles D. None of these
15	The discriminant of $2x^2-7x+1=0$ is:	A. 41 B. 45 C. 43 D. 47
16	The domain of $R = \{(0,2),(2,3),(3,3),(3,4)\}$ is.	A. $\{0,3,4\}$ B. $\{0,2,3\}$ C. $\{0,2,4\}$

D. {2,3,4}

17 The medians of equiangular triangles are proportional to their corresponding:

- A. Sides
- B. Angle
- C. Point
- D. Altitude

18 An equation of the type $3^x+3^{2-x}+6 = 0$ is called a/an:

- A. Reciprocal equation
- B. Radical equation
- C. Exponential equation
- D. None of these

19 A complete circle is divided into:

- A. 90°
- B. 180°
- C. 270°
- D. 360°

20 In equation $ax^2+bx+c=0$, a and b are:

- A. Constants
- B. Co-efficients
- C. Variables
- D. Factors