

10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	$\tan 60^\circ = \dots$	A. $1/2$ B. $\sqrt{3}/2$ C. $\sqrt{3}$ D. $1/\sqrt{3}$
2	A data in the form of frequency distribution is called.	A. Grouped data B. Ungroup data C. Same D. None of these
3	If $a = 7$, $b = 8$ and $c = 1$ then $b^2 - 4ac$ is equal to:	A. 33 B. 34 C. 35 D. 36
4	Two square roots of unity are:	A. 1, -1
5	Any chord divides a circle into two:	A. Parts B. Segments C. Sectors D. Shapes
6	The relation $R = \{(1,2), (2,3), (3,3), (3,4)\}$ is:	A. Not a function B. Onto function C. One-One function D. Into function
7	In a unit circle, $\cos\theta = \dots$	A. y B. x C. y/x D. None of these
8	If a circle passes through three or more points then these points are called:	A. Incyclic B. Conyclic C. Circumyclic D. Bicyclic
9	If $A \cap B = \emptyset$, then sets A and B are sets.	A. sub B. over kaouubg C. Disjoint D. Power
10	The system of measurement in which the angle is measured in radians is called:	A. CGS system B. Sexagesimal system C. MKS system D. Circular system
11	$\sin\theta, \cosec\theta = \dots$	A. 1 B. 0 C. $\sin\theta$ D. $\cos\theta$
12	$(A \cup B) \cap C = \dots$	A. $A \cap (B \cup C)$ B. $(A \cup B) \cap C$ C. $A \cup (B \cap C)$ D. $A \cap (B \cap C)$
13	The formula of range is:	A. $X_{\max} - X_{\min}$ B. $X_{\max} + X_{\min}$ C. groups/weight D. none of these
14	If $b^2 - 4ac > 0$ and is not a perfect square, then roots are:	A. Rational and unequal B. Irrational and equal C. Rational and equal D. Irrational and unequal
15	In a ratio $a:b$, a is called:	A. Relation B. Antecedent C. Consequent D. None of these

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The set $\{x/x \in W \wedge x \leq 101\}$ is.

- A. Infinite set
- B. Sub set
- C. Null set
- D. Finite set

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y co-ordinate of every point on x-axis is.

- A. +ve
- B. -Ve
- C. zero
- D. 1

18

An equation of the type $2^x + 64 \cdot 2^{-x} - 20 = 0$ is called:

- A. Exponential equation
- B. Reciprocal equation
- C. Radical equation
- D. Linear equation

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Angle inscribed in a semi-circle is:

20

Sum of the deviations of values x from its mean is always "i.e $\sum(x - \bar{x})$ " is to equal:

- A. itself;
- B. zero;
- C. median;
- D. mode;