

10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	Power set of empty set.	A. \emptyset B. $\{a\}$ C. $\{\emptyset, \{a\}\}$ D. $\{\emptyset\}$
2	A quadratic equation has:	A. Two roots B. Three roots C. Fourroots D. Fiveroots
3	Mean is affected by change in	A. Place B. Scale C. Rate D. None of these
4	If $A \subseteq B$ then $A \cup B$ is equal to	A. A B. B C. \emptyset D. None of these
5	$\cot 30^\circ = \dots\dots\dots$	A. $1/2$ B. $\sqrt{3}/2$ C. $\sqrt{3}$ D. $1/\sqrt{3}$
6	Roots of following equation are: $9x^2 - 4x + 1 = 0$:	A. Real, Equal B. Real, Unequal C. Imaginary D. Irrational
7	Question Image <input style="width: 100%; height: 15px;" type="text"/>	A. A proper fraction B. An improper fraction C. An identity D. An constant term
8	If $x \in A$ and $x \in B$, then $\{x\}$ is equal to .	A. $A - B$ B. $A \cup B$ C. $A \cap B$ D. $B \cup C$
9	$\operatorname{Co} \sec 45^\circ = \dots\dots\dots$	A. 1 B. $\sqrt{2}$ C. $1/\sqrt{2}$ D. 0
10	If f is a function from A to B , then f is one - one function if:	A. Range $\neq A$ B. Range $f = B$ C. $\operatorname{Dom} f = A$ D. Second element of all ordered pairs contained in f is not repeated.
11	A circle of any radius can be constructed by rotating a compass about:	A. A chord B. An arc C. The straight line D. A fixed point
12	$O \cup E = \dots\dots\dots$	A. \emptyset B. O C. E D. Z
13	Question Image <input style="width: 100%; height: 15px;" type="text"/>	B. -1
14	Question Image <input style="width: 100%; height: 15px;" type="text"/>	A. 4 B. 3 C. 1 D. 0
15	Perpendicular from the centre of a circle on a _____ bisects it:	A. Segment B. Arc C. Sector D. Chord
		A. Be perpendicular

16	Circles having three points in common will:	<p>B. Concide C. Intersect D. Be equal</p>
17	If $a : b = c : d$, then $a + b : a - b = c + d : c - d$ is called theorem of:	<p>A. Componendo-Dividendo B. Invertendo C. Dividendo D. Componendo</p>
18	A 4cm long chord subtends a central angle of 60° . The radial segment of this circle is:	<p>A. 1 B. 2 C. 3 D. 4</p>
19	A fraction in which the degree of the numerator is greater or equal to the degree of denominator is called:	<p>A. A proper fraction B. An improper fraction C. An equation D. Algebraic relation</p>
20	60 seconds makes _____ minute:	<p>A. 1 B. 2 C. 3 D. 4</p>