

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

Sr	Questions	Answers Choice
1	Which of the following is distributive property intersection over union?	A. $A \cup (B \cap C) = (A \cup B) \cap (A \cup C)$ B. $A \cap (B \cup C) = (A \cap B) \cup (A \cap C)$ C. $A \cup (B \cap C) = (A \cup B) \cap (A \cup C)$ D. $A \cap (B \cup C) = (A \cap B) \cup (A \cap C)$
2	If $A = \{1,2,3\}$ , $B = \{4,5\}$ and $R = \{(1,4), (2,5), (3,4)\}$ then R is _____	A. One - one function from A to B B. A function A to A C. Not a function D. An onto function from A to B
3	To resolve rational fraction, the numerator N(x) must be lower degree than the:	A. Quotient Q(x) B. Denominator D(x) C. Numerator N(x) D. Polynomial R(x)
4	A and $A^c$ are ..... Set.	A. Universal B. Overlapping C. Disjoint D. Super
5	The symbol used to denote a minute is:	A. 1" B. 1' C. 1° D. 1'''
6	Equation $3^{2-x} + 6 = 0$ is of type:	A. Exponential B. Radical C. Reciprocal D. Non
7	In a cumulative frequency polygon frequencies are plotted against.	A. Midpoints B. Upper class boundaries C. Class limits D. Frequency
8	Through how many non-collinear points a circle can pass ?	A. One B. Two C. Three D. Four
9	90 degree makes _____ right angle:	A. 2 B. 4 C. 1 D. 3
10	An arc which is shorter than the half of the circumference is called:	A. minor arc B. major arc C. segment D. semi arc
11	In equation $5^{1+x} + 5^{1-x} = 26$ , we put:	A. $5^{>2x} = y$ B. $5^{>1+x} = y$ C. $5^{>1-x} = y$ D. $5^{>x} = y$
12	The opposite angles of any quadrilateral inscribed in a _____ are supplementary:	A. Circle B. Square C. Hexagon D. Rectangle
13	$\sin^2 \theta + \cos^2 \theta =$ _____:	A. $\sin \theta$ B. $\cos \theta$ C. 1 D. 2
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 circle radius 10 what is the length of arc intercepted by a central angle of 60°:	A. $\pi/3m$ B. $3/10\pi m$ C. $10\pi/3m$ D. $\pi/30m$

16	Collection of distinct objects.	A. Subset B. Power set C. Set D. None of the
17	$(A \cap B)' =$ _____	A. $A' \cup B'$ B. $A' \cap B'$ C. $A \cap B$ D. $A \cup B$
18	A data in the form of frequency distribution is called:	A. Grouped data B. Ungrouped data C. Histogram
19	Which is one is a quadrantal angel?	A. $30^\circ$ B. $45^\circ$ C. $60^\circ$ D. $90^\circ$
20	Locus of a point in the plane equidistant from a fixed point is called:	A. Radius B. Circle C. Circumference D. Diameter