10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	If f is a function from A to B, then f is onto function if:	A. Range f≠ A B. Range f = B C. Dom f = A D. Second element of all ordered pairs contained in f is not repeated.
2	A and A^c are.................................Set.	A. Universal B. Overlapping C. Disjoint D. Super
3	In a cyclic quadrilateral, the opposite angles are:	A. Complementary B. Abtuse C. Supplementroy D. Acute
4	A set having only one member.	A. Empty set B. Power set C. Singleton set D. Sub set
5	$1+Cot^2 \theta$	A. $Sin^2\theta$ B. $Cos^2\theta$ C. $Cosec^2 \theta$ D. $Sec^2\theta$
6	If Y is directly proportional to x it can be written as:	C. x = y D. y : x
7	A quadratic factor is:	A. ax^2+bx+c B. ax+b C. Ax+B+c D. bx+c
8	Question Image	B. 1
9	A cumulative frequency table is also called....................	A. Frequency distribution B. Data C. Less then cumulative frequency distribution D. Histogram
10	The sum of 30 observations is 1500. Its average will be:	A. 1500 B. 150 C. 15 D. None of these
11	If $b^2-4ac>0$ and is a perfect square, then roots are:	A. Rational and equal B. Rationaland unequal C. Irrationaland equal D. Irrationaland unequal
12	A histogram is a set of adjacent.	A. Squares B. Rectangles C. Circles D. Closed figures
13	N∩ W = ...	A. ∅ B. {∅} C. N D. W
14	If a : b = c : d, then b : a = d : c is called theorem of:	A. Invertendo B. Alternando C. Dividendo D. Componendo
15	If a : b = c : d, then a + b : a - b = c + d : c - d is called theorem of:	A. Componendo-Dividendo B. <span style="font-size: 10.5pt; line-height: 107%; font-family: Arial, "sans-serif"; background-image: initial; background-position: initial; background-size: initial; background-repeat: initial; background-attachment: initial;

C. Dividendo
D. Componendo

16	The boundary of a circle is called:	A. Circumference B. Arc C. Line D. Area
17	Sec 30° = ...	A. 1/2 B. $\sqrt{3}/2$ C. 2 D. $2/\sqrt{3}$
18	To resolve rational fraction, multiply both sides by:	A. H.C.F B. An even, number C. L.C.M D. An odd number
19	The positive square root of mean of the squared deviation of X,{1=1,2,3,.......n) observations from their arithmetic mean is called.	A. Harmonic mean B. Range C. Standard deviation D. Variance
20	The set {x/x∈W ^x≤ 101} is.	A. Infinite set B. Sub set C. Null set D. Finite set