Mathematics 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	In a set of data 63,65,66,67,69, median is:	A. 63 B. 66 C. 67 D. 69
2	The nth root of product of 'n' number of values is called:	A. Arithematic mean B. Geometric mean C. Harmonic mean D. Standard deriviation
3	In a class of frequency distribution 14 - 18, the 18 is:	A. Upper class limit B. Lower class limit C. Class interval D. All of these
4	A value best representing a set of data is called:	A. Average B. Variance C. Standard deriviation D. None of these
5	The number of time a value appears on a set of data is called:	A. Frequency B. Average C. Mode D. Median
6	A cumulative frequency curve is also called:	A. Histogram B. Pie chart C. Ogive D. Frequency polygon
7	The difference between upper limit of two consecutive classes is a frequency table is called:	A. Class limit B. Class interval C. Class mark D. All of these
8	If R = {(0,0),(8,2),(10,3),(14,12)}, then Dom R = _____	A. {0,8,10,14} B. {0,2,3,12} C. {8,10,4} D. {0,10}
9	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.
10	If f is a function from A to B, then f is one - one 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.
11	If A has two elements and B has 3 elements, then number of binary relations in A x B is _____	A. 2 x 3 B. 2³ C. 2⁶ D. 2²
12	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 funtion D. An onto function from A to B
13	U' = _____	A. U B. A C. A' D. φ
14	If { x|x=p/q, q≠0,p,q ∈ Z} then this is a _____	A. Set of even numbers B. Set of rational number C. Set of irraional numbers D. Set of integers
15	If A ={0,1,2}, B={2,3,4,5} , then A ∪ B are:	A. Empty sets B. Equal sets C. Overlapping sets