10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	Harmonic mean for 1,2,5,8,4 is...................	A. 6.08 B. 5.08 C. 7.08 D. 4.08
2	The radiance measure of an angle that forms a complete circle is:	A. 2π B. 3π C. 4π D. 6π
3	A Deviation is defined as a difference of any value of the variable from a:	A. Constant B. Histogram C. Sum
4	If a = -2, b = -1 and c = -1, then discriminant is equal to:	A. 17 B. -17 C. -7 D. 7
5	If A⊆ B then A∪ B is equal to	A. A B. B C. ∅ D. None of these
6	Acute angle is:	A. 80° B. 60° C. 90° D. 120°
7	How many tangents can be drawn from a point outside the circle ?	A. 1 B. 2 C. 3
8	A line which has two points in common with a circle is called:	A. Sine of a circle B. Cosine of a circle C. Tangent of a circle D. Secant of a circle
9	Cot 30° = ...	A. 1/2 B. √3/2 C. √3 D. 1/√3
10	If a : b = c :d, than a - b : b = c - d : d is called theorem of :	A. Componendo B. Dividendo C. (a) & (b) D. Invertendo
11	A grouped frequency table is also called.............	A. Data B. Frequency distribution C. Frequency polygon D. Histogram
12	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
13	The positive square root of mean of the squared deviations of x_i(i=1, 2--------------------,n) observations from their arithmetic mean is called:	A. Harmonic mean B. Range C. Standard deviation
14	In a set of data 63,65,66,67,69, median is:	A. 63 B. 66 C. 67 D. 69

15	Question Image	A. $u = v^2$ B. $u = kv^2$ C. $uv^2 >= k$ D. $uv^2 = 1$
16	Which of the following is distributive property of union over intersection?	A. A∪ (B ∪ C) = A∪ (B∪ C) B. A∩ (B∩C)= (A∩B)∩C C. A∪ (B∩ C) = (A∪ B)∩ (A∪ C) D. A∩(B∪ C) = (A∩B)∪(A∩C)
17	A subset of A x A is called.................. in A.	A. Set B. Relation C. Function D. Info function.
18	Line segment joining any point of the circle to the centre is called:	A. Circumference B. Diameter C. Radial segment D. Perimeter
19	Question Image	
20	The domain of R = {(0,2),(2,3),(3,3)(3,4)} is.	A. {0,3,4} B. {0,2,3} C. {0,2,4} D. {2,3,4}