10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The length of a chord and the radial segment of a circle are congruent, the central angle made by the chord will be:	A. 30° B. 45° C. 60° D. 75°
2	The radius of incricle is called:	A. In-radius B. Escribed radius C. E-radius D. Radius
3	1/tanθ =.....	A. tanθ B. Secθ C. Co secθ D. Cotθ
4	The nature of roots in equation $7x^2+8x+1=0$ is:	A. Rational and unequal B. Irrational and unequal C. Rationaland equal D. Irrationaland equal
5	Product of roots of equation $5x^2+3x-9=0$:	
6	sinθ cosθ = ...	A. sinθ B. 1/cosθ C. 1/sinθ D. sinθ/cosθ
7	Two tangents drawn to a circle from a point outside it are of _____ in length	A. Half B. Equal C. Double D. Triple
8	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)
9	K is known as:	A. Sign of proportionality B. Extremes C. Constant of proportionality D. Means
10	In proportion 7:4::*p*:8, *p* = _____:	A. 14 B. 7/2 D. -14
11	Which of the following is a reciprocal equation ?	A. ax³+bx³+cx+d=0 B. ax⁴-bx³+cx²-bx+a=0 C. ax⁴+bx³+cx²+dx+e=0 D. ax⁴+bx³+cx²+bx+a=0
12	7-7h = 0, then h = :	A. 7 B. 1 C. 0 D. 49
13	Circles having three points in common will:	A. Be perpendicular B. Concide C. Intersect D. Be equal
14	Question Image	A. <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; background-origin: initial; background-clip: initial;">Proper fraction B. Rational fraction C. Improper fraction D. Irrational fraction

15	An equation of the type $3^{x}+3^{2-x}+6=0$ is a/an _____ equation:	A. Radical B. Exponential equation C. Reciprocal D. None of these
16	if A and B are disjoint sets , then A∪ B is equal to.	A. A B. B C. ∅ D. B∪ A
17	Mean of a variable with similar observations any constant k is:	A. Negative B. k itself C. Zero
18	Formula *l*=rθ is true only when θ is in:	A. degree B. radian C. revolution D. minute
19	The product of three cube roots of unity is:	A. Zero B. Four C. Two D. One
20	To solve (x+a)(x+b)(x+c)(x+d) = k, we have:	A. a-b=b-c B. a-b=c-d C. a+b=c+d D. a-c=b-c