

11th Class FA Mathematics Chapter 7 Online Test

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	
3	The in-radius r of a triangle is given by:	
4	Inverse sine function is written as:	A. (sin x) ⁻¹ B. sin x ⁻¹ C. arc sinx D. arc sin ⁻¹ x
5	Question Image	A. r ₁ B. r ₂ C. r ₃ D. r
6	With usual notations for triangle R equals:	
7	The domain of principal cosine function is:	
8	r ₁ =	
9	The range of $y = \sin^{-1} x$ is:	
10	Question Image	
11	Which trigonometric equation has secondary solution ?	A. $\sin \Theta = 1$ B. $\cos \Theta = 1$ C. $\sec \Theta = 0$ D. $\tan \Theta = 1$
12	Trigonometric equation has solutions:	A. unique B. finite C. infinite D. no
13	If 2s = a + b +c, then in any triangle ABC:	D. none of these
14	In a triangle ABC b = $\sqrt{3}$, c = 1, α = 30° then a = :	A. 2 B. 1 C. 3 D1
15	A circle which touches one side of a triangle externally and the other two produces sides internally is known as:	
16	In a triangle ABC, $(s - a)(s - b) = s(s - c)$, then the angle $\Gamma =$	
17	In triangle the length of the sides are 7, $4\sqrt{3}$ and $\sqrt{13}$. Then the smallest angle is:	A. 15° B. 30° C. 60° D. 45°
18	y = tan-1 x if and only if x = tan y, where:	A1 < x < 1 and - π < y < π
19	r ₃ =	
20	Question Image	