

Mathematics Fsc Part 1 Online Test

Cuestion In any triangle ABC, law of cosines is: In any triangle ABC, law of cosines is: Question Image	C-	Ouastiana	Anguara Chaica
2	Sr	Questions	Answers Choice
3 Question Image 4 The amplitude and period of 3 sin x are: A 3, π B 2, 2π C 3, 3m D 3, 2π D 3,	1	In any triangle ABC, law of cosines is:	
4 The amplitude and period of 3 sin x are: A. 3, π B. 2, 2π C. 3, 3π D. 3, 2π D. 3, 2	2	if sin x + cos x = 0, then x =:	D. none of these
4 The amplitude and period of 3 sin x are: C 3, 3 π T D 3, 2 π S .2 sin α sin ß = A sin (α + β, + sin (α - β, B) B cos (α + β, + cos (α - β, B) Cos (α + β, + cos (α - β, B) Cos (α + β, + cos (α - β, B) Cos (α + β, + cos (α - β, B) Cos (α + β, + cos (α - β, B) Cos (α + β, + cos (α - β, B) Cos (α + β, + cos (α - β, B) Cos (α + β, + cos (α - β, B) Cos (α + β, + cos (α - β, B) Cos (α + β, + cos (α - β, B) Cos (α + β, + cos (α - β, B) Cos (α + β, + cos (α - β, B) Cos (α + β, + cos (α - β, B) Cos α cos β + sin α cos β Cos α cos β + sin α cos β Cos α cos β + sin α cos β Cos α cos β + sin α cos β Cos α cos β + sin α cos β Cos α cos β + sin α cos β Cos α cos β + sin α cos β Cos α cos β + sin α cos β Cos α c	3	Question Image	
5 -2 sin α sin β = 8. cos (α + β) + cos (α - β) C. cos (α + β) + cos (α - β) D. cos (α + β) + cos (α - β) D. cos (α + β) + cos (α - β) D. cos (α + β) + cos (α - β) D. cos (α + β) + cos (α - β) D. cos (α + β) + cos (α - β) D. cos (α - β) + cos (α - β) D. cos (α - β) + cos (α - β) D. cos (α - β) + cos (α - β) D. cos (α - β) + cos (α - β) D. cos (α - β) + cos (α - β) D. cos (α - β) + cos (α - β) D. cos (α - β) + cos (α - β) D. cos (α - β) + cos (α - β) D. cos (α - β)	4	The amplitude and period of 3 sin x are:	B. 2, 2π C. 3, 3π
A line segments B sharp corners C. I proken lines D. smooth curves 8 A circle drawn inside a triangle and touching its sides is known as: 9 The range of y = sin ⁻¹ x is: 10 Question Image 11 tan(π + cor ⁻¹ x) = 12 Question Image 13 Question Image A tan x B. cot x 14 The period of sec x is: 15 A triangle which is not right angle triangle called triangle: 16 When two sides and included angle is given, then area of triangle is given by: 17 Period of a trigonometric function is: 18 Question Image 19 Cos (α-β) = A line segments B. sharp corners C. I proken lines B. sharp corners C. Troken lines B. sharp corners C. In gister and the segment B. Sharp corners C. In gister	5	-2 $\sin \alpha \sin \beta =$	B. $\cos (\alpha + \beta) + \cos (\alpha - \beta)$ C. $\cos (\alpha + \beta) - \cos (\alpha - \beta)$
7 Graphs of trigonometric function within their domains are: 8 A circle drawn inside a triangle and touching its sides is known as: 9 The range of y = sin ⁻¹ x is: 10 Question Image 11 tan(π + cot ⁻¹ x) = 12 Question Image 13 Question Image A tan x B. cot x 14 The period of sec x is: 15 A triangle which is not right angle triangle called triangle: 16 When two sides and included angle is given, then area of triangle is given by: 17 Period of a trigonometric function is: 18 Question Image 19 Cos (α-β) = A cos α cos β + sin α sin β B. cos α cos β - sin α sin β B. cos α	6	The period of tan 3x is:	
9 The range of y = sin ⁻¹ x is: 10 Question Image 11 tan(π + cot ⁻¹ x) = 12 Question Image 13 Question Image A. tan x B. cot x 14 The period of sec x is: 15 A triangle which is not right angle triangle called triangle: A triangle which is not right angle triangle called triangle: A acute B. obtuse C. right D. oblique 16 When two sides and included angle is given, then area of triangle is given by: D. all of these A any real number B. any negative real number C. any integer D. a least positive number 18 Question Image 19 cos (α-β) = A cos α cos β + sin α sin β B. cos α cos β + sin α sin β B. cos α cos β + sin α sin β B. cos α cos β + sin α sin β B. cos α cos β + sin α sin β B. cos α cos β + sin α sin β B. cos α cos β + sin α sin β B. cos α cos β + sin α sin β B. cos α cos β + sin α sin β D. sin α cos β - sin α sin β	7	Graphs of trigonometric function within their domains are:	B. sharp corners C. broken lines
10 Question Image 11 $tan(\pi + \cot^{-1}x) =$ 12 Question Image 13 Question Image 14 The period of sec x is: 15 A triangle which is not right angle triangle called triangle: A. acute B. obtuse C. right D. oblique 16 When two sides and included angle is given, then area of triangle is given by: D. all of these 17 Period of a trigonometric function is: A. any real number B. any negative real number C. any integer D. a least positive number 18 Question Image 19 $cos (α-β) =$ A. $cos α cos β + sin α sin β$ B. $cos α cos β + sin α sin β$ C. $cos α cos β + sin α sin β$ C. $cos α cos β + sin α sin β$ C. $cos α cos β + sin α sin β$ C. $cos α cos β + sin α sin β$ S. $cos α cos β + sin α sin β$ C. $cos α cos β + sin α s$	8	A circle drawn inside a triangle and touching its sides is known as:	
11 tan(π + cot ⁻¹ x) = 12 Question Image A tan x B. cot x 14 The period of sec x is: 15 A triangle which is not right angle triangle called triangle: 16 When two sides and included angle is given, then area of triangle is given by: 17 Period of a trigonometric function is: A accute B. obtuse C. right D. oblique D. all of these A any real number B. any negative real number C. any integer D. a least positive number 18 Question Image A cos α cos β + sin α sin β B. cos α cos β - sin α sin β C. cos α cos β + sin α cos β D. sin α cos β - sin α sin β	9	The range of $y = \sin^{-1} x$ is:	
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Period of a trigonometric function is: B. any negative real number C. any integer D. a least positive number Representation of a trigonometric function is: B. any negative real number C. any integer D. a least positive number A. cos α cos β + sin α sin β B. cos α cos β - sin α sin β C. cos α cos β - sin α cos β D. sin α cos β - sin α sin β	16	When two sides and included angle is given, then area of triangle is given by:	D. all of these
A. cos α cos β + sin α sin β B. cos α cos β - sin α sin β C. cos α cos β + sin α cos β D. sin α cos β - sin α sin β	17	Period of a trigonometric function is:	B. any negative real number C. any integer
19 cos (α-β) = B. cos α cos β - sin α sin β C. cos α cos β + sin α cos β D. sin α cos β - sin α sin β	18	Question Image	
20 If $f(x) = \arccos x$, then:	19	cos (α-ß) =	B. $\cos \alpha \cos \beta - \sin \alpha \sin \beta$ C. $\cos \alpha \cos \beta + \sin \alpha \cos \beta$
	20	If $f(x) = \arccos x$, then:	