

ECAT Mathematics Chapter 16 Solution of Trigonometric Functions Online Test

Sr	Questions	Answers Choice
1	Considering Cosine Rule of any triangle ABC, possible measures of angle A includes	A. Angle A is obtuse B. Angle A is acute C. Angle A is right-angle D. All of above
2	In a triangle ABC, if angle A = 72° , angle B = 48° and c = 9 cm then $\hat{C}$ is	A. 69° B. 66° C. 60° D. 63°
3	For Cosine Rule of any triangle ABC, b^2 is equal to	A. $a^2 + c^2 - 2ac \cos B$ B. $a^2 + c^2 + 2ab \cos A$ C. $a^2 + c^2 - 2ac \cos B$ D. $a^2 + c^2 + 4bc \cos A$
4	Question Image	A. trigonometric equation B. conditional equation C. identity D. None
5	Question Image	
6	Question Image	D. both a & c
7	Question Image	
8	Question Image	
9	Question Image	
10	Question Image	D. all
11	General solution of $1 + \cos x = 0$ is	
12	The solution set of trigonometric equation contains	A. one element B. two elements C. three elements D. Infinite elements

A. <div>I andII quadrants</div>

B.

	"I and "> quadrants
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C.
D. none of these

A. I and"II quadrants

B. "I"I and

15	Question Image
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[illegible]

16	Question Image	D. none of these
17	Question Image	
18	Question Image	
19	Question Image	
20	Question Image	D. none of these
21	Question Image	D. none of these
22	Question Image	D. none of these
23	The solution set of the equation $1 + \cos x = 0$ is _____	D. none of these
24	The solution set of the equation $4 \cos^2 x - 3 = 0$ is	D. none of these
25	The solution of the equation $3 \tan^2 x = 1$ is _____	D. none of these
26	Question Image	D. none of these