

ECAT Pre Engineering Entry Test

Sr	Questions	Answers Choice
1	Question Image <input type="text"/>	
2	Question Image <input type="text"/>	
3	Question Image <input type="text"/>	
4	Question Image <input type="text"/>	
5	Question Image <input type="text"/>	
6	Question Image <input type="text"/>	
7	Question Image <input type="text"/>	
8	If a, b, c are the measures of the sides of a triangle then	
9	The law of sines is	
10	The law of consines is	
11	The law of tangents is _____	
12	Question Image <input type="text"/>	A. The law of sines B. The law of tangents C. The pythagorus theorem D. None of these
13	Question Image <input type="text"/>	A. The law of sines B. The law of consines C. The law of tangents D. None of these
14	Question Image <input type="text"/>	A. The law of sines B. The law of consines C. The law of tangents D. None of these
15	Question Image <input type="text"/>	A. The law of of sines B. The law of tangents C. The law of consines D. None of these
16	Question Image <input type="text"/>	A. The law of consines B. The law of sines C. The law of tangents D. None of these
17	A triangle which is not right is called an _____ triangle	A. Acute B. Obtuse C. Oblique D. None of these
18	A function $f(x)$ is said to be the periodic function if for all x in the domain of f , there exists a smallest positive number p such the $f(x + p) =$ _____	A. $f(p)$ B. $f(x)$ C. $f(o)$ D. None of these
19	Range of $3 \cot x$ is _____	A. $[-1, 1]$ B. $[-3, 3]$ C. R D. None of these
20	Range of $3 \sin x$ is _____	A. $[-3, 3]$ B. $[-1, 1]$ C. R D. None of these
21	Range of $2 \tan x$ is _____	A. $[-2, 2]$ B. $-1 < x < 1$ C. R D. None of these

- 22 Domain of $2 \cos x$ is _____
- A. $[-2, 2]$
B. \mathbb{R}
C. Negative real numbers
D. None of these
-
- 23 Domain of $3 \sin x$ is _____
- A. $[-3, 3]$
B. \mathbb{R}
C. Positive real numbers
D. None of these
-
- 24 Question Image
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- 25 Period of $2 \cos x$ is _____
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- 26 Period of $3 \sin x$ is _____
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- 27 Question Image
-
- 28 Question Image
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- 29 Question Image
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- 30 Period of $\tan 4x$ is _____
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