ECAT Mathematics Chapter 14 Application of Trigonometry Online Test

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	
3	Question Image	
4	Question Image	
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14	Question Image	
15	Question Image	
16	If a, b, c are the measures of the sides of a triangle then	
17	The law of sines is	
18	The law of consines is	
19	The law of tangents is _____	
20	Question Image	A. The law of sines B. The law of tangents C. The pythagorus theorem D. None of these
21	Question Image	A. The law of sines B. The law of consines C. The law of tangents D. None of these
22	Question Image	A. The law of sines B. The law of consines C. The law of tangents D. None of these
23	Question Image	A. The law of of sines B. The law of tangents C. The law of consines D. None of these
24	Question Image	A. The law of consines B. The law of sines C. The law of tangents D. None of these
25	A triangle which is not right is called an _____ triangle	A. Acute B. Obtuse C. Oblique D. None of these
26	The quadratic equation $8 \sec 2\theta - 6 \sec\theta + 1 = 0$ has	A. Infinitely many roots B. Exactly two roots C. Exactly four roots D. No roots

D. No roots

27	x = r2, y = 1 are the parametric equation of	A. Circle B. Hyperbola C. Ellipse D. Parabola
28	For any equilateral r :R :η :r1 :r2 :r3 =	A. 1:2:3:4:5 B. 1:2:3:3:3 C. 1:2:4:4:4 D. 2:1 :2 :2 :2
29	Area of inscribed circle is	A. π R2 B. π η2 C. π r22 D. π r2
30	e-radii are denoted by	A. η B. r2 C. r3 D. All of these