11th Class FSC Mathematics Chapter 12 Test Online

Sr	Questions	Answers Choice
1	The circum-radius R of a triangle is given by:	
2	A circle passing though the vertices of a triangle is known as:	
3	In 2s = a + b + , then in any triangle ABC:	D. all of above
4	In any triangle ABC, law of sines is:	
5	If 2s = a + b + c, then in any triangle ABC:	D. all of these
6	A circle drawn inside a triangle and touching its sides is known as:	
7	In a right isoceles triangle, one acute angle is:	A. 30° B. 45° C. 60° D. 75°
8	A circle which touches one side of a triangle externally and the other two produces sides internally is known as:	
9	In a triangle ABC, (s - a)(s - b) = s(s - c), then the angle Γ =	
10	When two sides and included angle is given, then area of triangle is given by:	D. all of these
11	The lengths of the sides of a triangle are proportional to the sines of the opposite angles to the sides. This is known as:	A. The law of sines B. The law of cosines C. The law of tangents D. The fundamental law
12	A triangle which is not right angle triangle called _____ triangle:	A. acute B. obtuse C. right D. oblique
13	In any triangle ABC, law of tangents is:	D. all of these
14	Question Image	A. r₁ B. r₂ C. r₃ D. r
15	In triangle ABC, if α = 90° then:	D. none of these
16	In a triangle ABC if $a^2 - b^2 + c^2 = ac$ then < ß =	
17	r_2 =	
18	Question Image	
19	Question Image	
20	If α, ß, Γ are the angles of a oblique triangle, then:	A. α = 90° B. ß = 90° C. Γ = 90° D. none of these