

## 11th Class ICS Mathematics Chapter 12 Test Online

Sr	Questions	Answers Choice
1	Question Image	A. right angled B. equilateral C. isosceles D. obtuse angled
2	If triangle ABC, If $\beta = 90^{\circ}$ then:	D. none of these
3	In any triangle ABC, law of cosines is:	
4	If $\alpha$ , $\beta$ , $\Gamma$ are the angles of a oblique triangle, then:	A. $\alpha = 90^{\circ}$ B. $\beta = 90^{\circ}$ C. $\Gamma = 90^{\circ}$ D. none of these
5	In a right isoceles triangle, one acute angle is:	A. 30° B. 45° C. 60° D. 75°
6	Question Image	A. r <sub>1</sub> B. r <sub>2</sub> C. r <sub>3</sub> D. r
7	The circum-radius R of a triangle is given by:	
8	In triangle the length of the sides are 7, $4\sqrt{3}$ and $\sqrt{13}$ . Then the smallest angle is:	A. 15° B. 30° C. 60° D. 45°
9	Question Image	
10	In any triangle ABC, law of tangents is:	D. all of these
11	In triangle ABC, if $\alpha = 90^{\circ}$ then:	D. none of these
12	With usual notations for triangle R equals:	
13	A triangle which is not right angle triangle called triangle:	A. acute B. obtuse C. right D. oblique
14	In a triangle ABC if $a^2 - b^2 + c^2 = ac$ then $< \Omega =$	
15	A circle which touches one side of a triangle externally and the other two produces sides internally is known as:	
16	r <sub>1</sub> =	
17	In triangle ABC, If $\Gamma$ = 90° then:	D. b = c + a
18	If the elevation of the sun is $30^\circ$ , the length of the shadow cast by a tower of 150m height is:	D. none
19	When two sides and included angle is given, then area of triangle is given by:	D. all of these