

11th Class ICS Mathematics Test Online

Sr	Questions	Answers Choice
1	Question Image	A. 30° B. 45° C. 60° D. 75°
2	$180^\circ =$ _____:	D. π radians
3	1° is equal to:	
4	1 radian is equal to:	C. 180° D. none of these
5	To convert any angle in radians into degrees, we multiply the measure by:	
6	To convert any angle in degrees into radians, we multiply the measure by:	
7	The number of radius in the angle subtended by an arc of a circle at the center =	A. radius \times arc B. radius - arc
8	Question Image	
9	Question Image	
10	$-72^\circ =$ _____:	D. none of these
11	The angle between 0° and 360° and co-terminal with -620° is:	A. 100° B. 200° C. 300° D. 320°
12	The quadrant of an angle Θ is determined by its:	A. sign B. value C. ratio D. magnitude
13	The direction of an angle Θ is determined by its:	A. value B. magnitude C. ratio D. sign
14	If s denotes the length of the arc intercepted on a circle of radius r by a central angle of α radians, then:	A. $s = r\alpha$ B. $s = r + \alpha$ D. none of these
15	In a circle of radius r , an arc of length kr will subtend in angle of _____ radians at the center:	A. s B. k C. r D. Θ
16	The area of a sector of a circular region of radius r with length of the arc of the sector equal to s is-----:	A. $r\Theta$ B. rs
17	In circular system the angle is measured in:	A. radians B. degrees C. degrees, minutes D. degrees, seconds
18	The system of measurement in which the angle is measured in degrees, and its sub-units, minutes and seconds is called the:	A. circular system B. sexagesimal system C. decimal system D. degree system
19	In binomial expansion $(a+b)^n$, n is positive integer the sum of coefficients equals:	D. none of these
20	In binomial expansion of $(a+b)^n$, n is positive integer the sum of even coefficients equals:	D. none of these