

ECAT Computer Science Entry Test

Sr	Questions	Answers Choice
1	1 radian = _____	A. 180° B. 90° C. 57.296° D. 60°
2	150° = _____	
3	x = _____ is in the solution of $2x - 5 > 0$	A. 0 B. 2 C. -2 D. 3
4	x = _____ is in the solution of $2x - 3 < 0$	A. 2 B. -2 C. 3 D. 4
5	x = _____ is in the solution of $2x + 3 \geq 0$	A. 1 B. -2 C. -3 D. -4
6	22.5° = _____	
7	Question Image 	A. 30° B. 45° C. 60° D. 120°
8	120° = _____	
9	60° = _____	
10	45° = _____	
11	30° = _____	
12	x = _____ is in the solution of $2x + 3 < 0$	A. 0 B. 2 C. -1 D. -2
13	x = -1 is in the solution of the inequality	A. $x + 5 \leq 0$ B. $2x + 3 \leq 0$ C. $x \geq 0$ D. $2x + 3 \geq 0$
14	A right angle is the angle of measure	A. 90' B. 60° C. 60" D. 90°
15	x = 1 is in the solution of the inequality	A. $x + 1 \geq 0$ B. $x - 2 \geq 0$ C. $3x - 1 \leq 0$ D. $x + 2 \leq 0$
16	The 60th part of one minute is called	A. Degree B. Second C. Radian D. None of these
17	Three right angles is the angle of measure	A. 270° B. 180° C. 90° D. 270'
18	The measure of the angle subtended at the centre of the circle by an arc, whose length is equal to the radius of the circle is	A. 1 ^{<sup>0</sup>} B. 1' C. 1" D. 1 rad
19	If the circumference of a circle is divided into 360 congruent parts, the angle subtended by one part at the centre of the circle is	A. 1 ^{<sup>0</sup>} B. 1' C. 1"

one part at the centre of the circle is

- C. 1
D. 1 rad

20

Question Image

- A. 360°
B. 180°
C. 90°
D. None of these

21

$1^0 =$ _____

- A. 1.5 rad
B. 0.5 rad
C. 0.175 rad
D. None of these

22

$1^0 =$ _____

23

$x = 0$ is in the solution of the inequality

- A. $x > 0$
B. $3x + 4 \leq 0$
C. $x + 3 \leq 0$
D. $x - 2 \leq 0$

24

The real numbers which satisfy an inequality form its

- A. solution
B. coefficient
C. domain
D. range

25

$1^0 =$ _____

- A. $360'$
B. $60''$
C. $60'$
D. $3600'$

26

$ax + by < c$ is linear inequality in

- A. four variables
B. three variables
C. two variables
D. one variable

27

One second is denoted by

- A. $1^{\sup>0\sup>}$
B. $1'$
C. $1''$
D. 1 rad

28

One minute is denoted by

- A. $1^{\sup>0\sup>}$
B. $1'$
C. $1''$
D. None of these

29

$2x + 3y > 4$ is a linear inequality in

- A. one variable
B. two variables
C. three variables
D. none of these

30

One degree is denoted by

- A. $1^{\sup>0\sup>}$
B. $1'$
C. $1''$
D. 1 rad