

Mathematics ECAT Pre Engineering Online Test

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	
3	Question Image	
4	Question Image	
5	Question Image	B. 1 C. 2 D. -2
6	Question Image	
7	Question Image	
8	Question Image	
9	Question Image	
10	Question Image	
11	Question Image	
12	Question Image	A. 1 D. -1
13	Question Image	
14	Question Image	
15	The area of sector with central angle of 1 radians in a circular region whose radius is 2 m is	
16	The area of a sector with central angle of 0.5 radians in a circular region whose radius is 2m is	
17	The radian measure of the central angle of an arc 50 m long on a circle of radius 25 m is	A. 3 B. 2 C. 1
18	In one hour, the hour hand of a clock turns through	
19	In one hour, the minute hand of a clock turns through	
20	In one hour, the hour hand of a clock turns through	
21	In one hour the minute hand of a clock turns through	
22	The central angle of an arc of a circle whose length is equal to the radius of the circle is called the	A. degree B. radian C. minute D. second
23	The system of measurement in which the angle is measured in degrees, minutes and seconds is called the	A. circular system B. CGS system C. sexagesimal system D. none of these
24	The system of measurement in which the angle is measured in radians is called the	A. circular system B. CGS system C. sexagesimal system D. none of these
25	Question Image	
26	What is the circular measure of the angle between the hands of a watch at 4 O'clock	
27	Question Image	
28	Through how many radians does the hour hand of a clock turn in one hour	

29

Through how many radians does the minute hand of a clock turn in one hour

30

Question Image

A. 0

C. 1