

## ECAT Pre Engineering Entry Test

Sr	Questions	Answers Choice
1	Question Image	D. none of these
2	Question Image	D. none of these
3	Question Image	D. none of these
4	Question Image	
5	Question Image	D. none of these
6	Question Image	D. none of these
7	Question Image	
8	Question Image	D. none of these
9	Question Image	
10	Question Image	
11	Question Image	
12	Question Image	
13	Question Image	
14	Question Image	
15	Question Image	
16	If (2, 3) and (2, 5) are end points of a diameter of a circle, then the centre of the circle is	A. (2, 4) B. (4, 8) C. (0, 2) D. (0, -2)
17	Question Image	
18	Question Image	A. $c = 0$ B. $c = -1$ C. $c = -2$ D. $c = 1$
19	Question Image	A. $c = 0$ B. $c = -1$ C. $c = -2$ D. $c = 1$
20	Question Image	
21	If $(x_1, y_1)$ and $(x_2, y_2)$ are the end points of a diameter then the centre of the circle is	
22	If the circle $x^2 + y^2 + 2gx + 2fy + c = 0$ passes through the origin then	A. $c = 0$ B. $c = -1$ C. $c = -2$ D. $c = 1$
23	Question Image	
24	If (0, 0) and (0, -1) are end points of a diameter, then the equation of the circle is	
25	If (0, 0) and (-1, 0) are end points of a diameter, then the equation of the circle is	
26	Question Image	
27	If (0, 0) and (1, 0) are the end points of a diameter, then the equation of the circle is	
28	Question Image	
29	Question Image	

