ECAT Pre General Science Mathematics Chapter 23 Conic Section Online 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	D. none of these
8	Question Image	
9	Question Image	
10	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)
11	Question Image	A. c = 0 B. c = -1 C. c = -2 D. c = 1
12	Question Image	A. c = 0 B. c = -1 C. c = -2 D. c = 1
13	If (x_1, y_1) and (x_2, y_2) are the end points of a diameter then the centre of the circle is	
14	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
15	If (0, 0) and (0, -1) are end points of a diameter, then the equation of the circle is	
16	If (0, 0) and (-1, 0) are end points of a diameter, then the equation of the circle is	
17	If (0, 0) and (1, 0) are the end points of a diameter, then the equation of the circle is	
18	Question Image	
19	The general equation of a circle is	
20	Question Image	
21	Question Image	
22	Question Image	A. 2 B. 4 C. 3 D. 16
23	Question Image	A. 5 B. 25 D. 3
24	Question Image	
25	Question Image	
26	Two circles are said to be concentric if they have	A. same radius B. same chord C. same centre D. same diameter

27	Question Image	A. (1, 3) B. (-1, -3) C. (1, -3) D. (-1, 3)
28	Question Image	A. 8 C. 4 D. 64
29	Question Image	A. 0 B. 1 C. 13
30	Question Image	A. 11 B. 61 D. 1