ECAT Computer Science Entry Test

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	
3	Question Image	
4	Question Image	A. 2 B. 4 C. 3 D. 16
5	Question Image	A. 5 B. 25 D. 3
6	Question Image	
7	Question Image	
8	Question Image	
9	Two circles are said to be concentric if they have	A. same radius B. same chord C. same centre D. same diameter
10	Question Image	
11	Question Image	A. (1, 3) B. (-1, -3) C. (1, -3) D. (-1, 3)
12	Question Image	A. 8 C. 4 D. 64
13	Question Image	A. 0 B. 1 C. 13
14	Question Image	A. 11 B. 61 D. 1
15	Question Image	A. (-6,4) B. (-3,2) C. (6,-4) D. (3, -2)
16	Question Image	
17	The centre fo the circle $x^2 + y^2 + 12x - 10 = 0$ is	A. (12, -10) B. (6, -5) C. (-12, 10) D. (-6, 5)
18	Question Image	
19	Question Image	A. (g,f) B. (-g,f) C. (g,-f) D. (-g,-f)
20	The parametric equations of a circle are	
21	Question Image	
22	Question Image	
23	The equation of the circle wit (-1, 1) and radius 2 is	

24	Question Image	
25	Question Image	
26	Question Image	
27	Question Image	A. -1 B. 0 C. 1 D. Undefined
28	Tan 360° = _____	A. -1 B. 0 C. 1 D. Undefined
29	Sin 270° = _____	A. -1 B. 0 C. 1 D. Undefined
30	Tan 180° = _____	A. -1 B. 0 C. 1 D. Undefined