

## ECAT Mathematics Online Test

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	
3	Question Image	
4	Question Image	
5	Question Image	A. 0 B. 1
6	Question Image	
7	Question Image	D. none of these
8	Question Image	
9	Question Image	D. none of these
10	Question Image	D. none of these
11	Question Image	D. none of these
12	Question Image	
13	Question Image	A. direction ratios B. direction cosines C. direction angles D. none of these
14	Question Image	A. direction ratios B. direction cosines C. direction angles D. none of these
15	Question Image	A. 25 B. 16 C. 5 D. 0
16	Question Image	
17	Question Image	
18	Question Image	D. none of these
19	Question Image	
20	Question Image	
21	Question Image	
22	Question Image	A. $a^2 + a^2$ B. $a^2 + a^2$ C. $a^2 + a^2$
23	Question Image	
24	Question Image	
25	Question Image	
26	Question Image	
27	Question Image	
28	Question Image	
29	Question Image	

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If 2 and 2 are x and y components of vector then its angle with x-axis is

- A.  $30^\circ$
- B.  $45^\circ$
- C.  $60^\circ$
- D.  $90^\circ$