ECAT Mathematics Chapter 24 Vectors

Sr	Questions	Answers Choice
1	Question Image	A. 12 B. 6 C. 8 D. none of these
2	Question Image	
3	Which of the vectors have opposite direction?	
4	Question Image	
5	Question Image	
6	If C is the mid point of AB and P is any point outside AB, then	
7	Question Image	D. none of these
8	Question Image	
9	Question Image	
10	Question Image	A. parallel vectors B. perpendicular vectors C. concurrent vectors D. collinear vectors
11	Unit vector in the positive direction of x-axis is	
12	Question Image	D. none of these
13	The area of the rhombus whose vertices are A(0,0),B(2,1),C(3,3),D(1,2) is	A. 36 square units B. 3 square units C. 6 square units D. 18 square units
14	u,v,wand u x (v.w) are	A. Equal B. Parallel C. Additive immense of each other D. Meaningless
15	Question Image	
16	If a,b,c are three non-coplanar vector then [a +b,b +c,c +a] = _____	A. [a.b.c] B. 2[a,b,c] C. [abc]-2 D. 2[abc]2
17	Question Image	
18	The angle between the vectors 3i + j - k and 2i - j + k is	
19	The zero vector is	A. [0, 0, 0] B. [1, 1, 1] C. [0, 1, 0] D. [0, 0, 1]
20	Question Image	D. none of these