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DEPARTMENT: COMPUTER SCIENCE

MATRIC NUMBER: 19/SCI01/028

	A CONTRACTOR OF STREET
Cas 0 = 39	
J59×J133	
Cos = 39	
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D-C-1/89	
€= Co3-1 (39)	
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++131 C= (Si+1j-2K)+(113j+1K)+(Ti-1	tj 16h)
A+B+c = (3i+7j-2K)+(1+3j+7K)+(9i-4 = 13i+6j+11K (A+B+c = J(13)2+(6)2+(1)2	Anna Carlotte Anna Carlotte Anna
(A+B+c (= )(13) 4(6) + (11)2	
=J169+36+121	
= 5326	
CAIRIC = 13j+6; +11K J326	
J326	
	and the second
C) at 27.1. 1.7 1.1. 1.7 1.1.1.1.1.1.1.1.1.1.1.	A A .
x1 12-86, yell-trand Lett, find "	rodulus or ameles
2. x=8t2, yet2-4t and Zett1, find or	rodulus of acceleration
Sch r= Xityitzk	todulus of arrelation
Soln r= x,t-g,t 2K r= -8(2)+(+24t); +(+1)K	rodules of acceleration
Soln  = Xityjtzk  = -8(2)+(+24t)j+(+1)k  Velocity=dr = 164i+(2+-4)j+k	rodules of acceleration
r= X,+y,+2K r= -81=+(+=4+);+(+1)K Velocity=dr=164+(2+-4);+K	rodules of acceleration
r= X,+y,+2K r= -81=+(+=4+);+(+1)K Velocity=dr=164+(2+-4);+K	rodules of acceleration
r= x,t,j,t 2k r= -8t=1+(t=4t)j+(t+1)k Velocity=dr=16t+(2+-4)j+k Acceleration=der=-16i+2j	rodules of acceleration
r= x,t,j,t 2k r= -8t=1+(t=4t)j+(t+1)k Velocity=dr=16t+(2+-4)j+k Acceleration=der=-16i+2j	rodulus of acceleration
r= x,t,j,t 2k r= -8t=1+(t=4t)j+(t+1)k Velocity=dr=16t+(2+-4)j+k Acceleration=der=-16i+2j	rodulus of acceleration
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r= x,t,j,t 2k r= -8t=1+(t=4t)j+(t+1)k Velocity=dr=16t+(2+-4)j+k Acceleration=der=-16i+2j	rodalis of acceleration
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3.	$A = 4.42j - 4k$ $B = 8i - 2j + K$ $C = i + 4j - 3k$ $(A \times B) = i j K$ $2 = 4i + 2i + 4i + 4i + 2i + 4i + 2i + 4i + 4$
	zi  -36 -24  -1  -6 -24  + K -6 -36   4 -3   1 -3   4    zi (108-(-96))-j(18-(-24))+1-(-24-(-36))  =1(108+96)-j(18+2+)+K(-2++36)  =20+i-42j+12K.