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Course: ENG 234

1	S=ut+ = at 2 463-24	0 -2=0+12=6
		speed x time
	1 Cohammed Hibdulmalik	
	18/ENG06/043	.'. at t = 4s
	Mechanical Engineering	S= 4+ - 42+ (4x-11) +7.1
		3
		8 = 256 - 16 - 28 - 4 - 7 - 1
	1) $V = (4t - 3t^2)m/s$	- 3 - 3
	v = 43/4+	S= 33.8m
	ds = vdf	(3)34 - 8
	$\int_{3}^{3} ds = \int_{4}^{4} (44 - 3t^{A}) 2t$	-8-8
	$\frac{ s ^{5}}{2} = \frac{4t^{2}}{2} - \frac{3t^{3}}{3} \Big _{0}^{t}$	
18	2 3 10	(4.7.1-1-10) - 1 - 19
V	$S = 2t^2 - t^3$	31 22 No dead to 1
1	when t = 4s	73.3-30 EV
	S= 2(4) ² -(4) ³	(3) - 30 - 31
M	S = 32-64	N-00-N
W	S = -32m	A Y = Y
A		
	$\Rightarrow 32m \text{ for the left of the original}$ 2) $a = (42^2 - 2)m/s^2$	377.2
	when b = Os, 5 = -20m - 2m	
1	4 6 = 25, 3 = -20m	
	a= dv	
7	Jt .	
4	Jodn = St (462-2) 16	
	$v = 46^3 - 26 + c$	
	3	
	N = 35/4	
1	Jo ds = Jo + vd6	
	S = Jt (46/3-2++c) dt	
4	8 = 1, 13 / 15	
M	S: t4-t2+ct+c	
	3	
	at \$ = 2, s = -20	
	-20 = 24 - 22 + 2c+c	
	3	
	-20-1:3 =-7·1	
	C = -20-1·3 =-7·1	
1		Maria Cara Cara Cara Cara Cara Cara Cara

V= (20-0-055°) mts 1 v = (0-56 = - 8+) m/s · a = 1-5+2-8 when & = 28 a = 1.5(2) 2-8 az 6-8 = - 2mls2 V = (20-0.0582) mls ana at s= 15 v = 20 - 0.05 (15) V= 20 - (0.05 x 225) V= 20-11.25 v=8-75mls using v2 = u2 + 2as 8.752202+(2ax15) 30 a = 76,5625 a= 76.5625 30 a = 2.55 mls 2