NOUSIS ITC, BHUBANESWAR

MONTH- DECEMBER-2013 SUBJECT-W/s Sc

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Q8. Prove that $v^2-u^2 = 2as$?

SESSION-12-14/Elect/Fitter **FULLMARK-10**

Q1. The rate of change of velocity is called			
Q2. Speed is a vector or scalar and why?			
Q3.	A	<u>B</u>	<u></u>
(i)	Carbon	(A) 0.02 to 0.1%	
(ii)	Silicon	(B) 0.02 to 0.4%	
(iii)	Manganese	(C) 0.02 to 0.03%	
(iv)	Sculpture	(D) 0.01 to 0.2%	
Q4.	A	, ,	<u> </u>
(i)	Drawn into wires		(A) Tenacity
(ii)	To withstand shock or impact		(B) Brittleness
(iii)	(iii) Ability to resist the effect of tensile force without rupturing (C) Toughness		
(iv)	Easy to break into pieces		(D) ductility
Q5. Momentum = Mass X			
(A) Acce	eleration (B) Velocity	(C) Speed	(D) Displacement
Q6. $S = ut + \frac{1}{2}x$			
(A) At (B) a/t (C) at^2		(D) ut^2	
Q7. Write the second low of Newton.			
Q8. Prove that $v^2-u^2=2as$?			

NOUSIS ITC, BHUBANESWAR

SESSION-12-14/Elect/Fitter **SUBJECT-W/s Sc FULLMARK-10** Q1. The rate of change of velocity is called _____. Q2. Speed is a vector or scalar and why? Q3. A В (A) 0.02 to 0.1% (i) Carbon (ii) Silicon (B) 0.02 to 0.4% (C) 0.02 to 0.03% Manganese (iii) Sculpture (D) 0.01 to 0.2% (iv) Q4. Α Drawn into wires (i) (A) Tenacity To withstand shock or impact (B) Brittleness (ii) Ability to resist the effect of tensile force without rupturing (C) Toughness (iii) (iv) Easy to break into pieces (D) ductility Q5. Momentum = Mass X ______. (B) Velocity (a) Acceleration (C) Speed (D) Displacement Q6. $S = ut + \frac{1}{2}x$ (b) a/t (d) ut^2 (a) At Q7. Write the second low of Newton.