CIRCULAR MOTION & W.P.E.

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	EXERCISE	RCISE CIRCULAR MOTION & W.P.E.								
Q.1	If θ depends on time $\theta = 2t^2 + 3t$ then Find out ω average (A) 6 (C) 8	e t in following way upto 3 sec. (B) 7 (D) 9	Q.9 Q.10	One (A) (C) The	horse p 746 W 980 W work do	ower is	: (B) (D) ne reve	550 W 32 W olution	on a p	particle
Q.2	A particle travels in at a speed that ur speed changes from 2.0s, find the angul (A) 3 (C) 5	a circle of radius 100 cm hiformly increases. If the n 6.0 m/s to 10.0 m/s in ar acceleration. (B) 4 (D) 6		performing uniform circular motion is zero because(A) the net displacement is zero(B) the force is not real(C) the force is zero(D) the force is perpendicular to the displacement at every instant						
0.3	Work done :		ANSWER KEY							
	(A)is always positive(B) is always negati(C) can be positive,(D) none of these	e ve negative or zero	1.	D	2.	В	3.	С	4.	B
Q.4	In tug of war work o (A) zero (C) negative	done by winning team is : (B) positive (D) none of these	5.	A	6.	С	7.	D	8.	В
Q.5	In tug of war work o (A) zero (C) negative	done by loosing team is : (B) positive (D) none of these	9.	A	10.	A, D				
Q.6	Work done by the body is lifted to heig (A) zero (C) negative	force of gravity, when a ht h above the ground is : (B) positive (D) none of these								
Q.7	To lift a 5 kg mass to of energy spent is 2 to a height of : (A) 15 m (C) 7.5 m	o a certain height, amount 45 J. The mass was raised (B) 10 m (D) 5 m								
Q.8	Work is product of t (A) energy (C) force	ime and : (B) power (D) distance								