TALEEMI DUNYA

Test Syllabus: Unit # 3

St. Name		Test	**physics**	T. Marks	**30**	Time	**60 Min**
F. Name		Class	**11**th	T. Code	**U#3**	T. Date	

NOTE: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that Question with Marker or Pen ink. Cutting or filling two or more circles will result in zero mark in that question.**6.**

1	Abody covering equal displacement in equal interval of time possesses:						
(a)	Variable velocity	(b)	Uniform acceleration	(c)	Uniform velocity	(d)	None of above
2	Slope of velocity graph is:						
(a)	Acceleration	(b)	Distance	(c)	Force	(d)	Momentum
3	Instantaneous and average velocities become equal when body:						
(a)	Has zero acceleration	(b)	Has uniform velocity	(c)	Has variable velocity	(d)	Moves in a circle
4	When the object is moving towards earth, the value of "g": is taken as:						
(a)	Positive	(b)	Negative	(c)	Zero	(d)	None
5	What is the shape of velocity time graph for constant acceleration?						
(a)	Straight line	(b)	Parabola	(c)	Inclined curve	(d)	Declined curve
6	Change in momentum is called:						
(a)	Force	(b)	Impulse	(c)	Acceleration	(d)	Torque

Q.2 Write short answers of the following questions.   (8x2=16)

1. Can the velocity of an object reverse the direction when acceleration is constant ?If so, give an example
2. Explain the difference between elastic and inelastic collisions explain how would a bouncing bell behave in each case? Give possible reason for the fact that K.E is not conserved in most cases?
3. At what point or points in its path does a projectile have its minimum speed, its maximum speed?
4. Define impulse and show that how it is related to linear momentum?
5. Explain what is meant by projectile motion derive expressions for (a) the time of flight
6. Explain law of conservation of momentum?
7. Define velocity
8. Define acceleration?

NOTE: Attempt the long questions.   (4+4=8)

3(a)   Write a note on projectile motion?

(b)   Can the velocity of an object reverse the direction when acceleration is constant? If so. give an example