

NAME:		ROLL NO:		TIME:	10: MIN
SUB:	Physics	Date:		CLASS:	1 st Year
SYLLABUS	Chp. 2 (Force and Motion)	T. MARKS	9	OBT. M	

Q. 1 Choose the Correct Answer. Cutting, Erasing, Double Selection is Strictly Prohibited. (1x9=9)

- The angle at which magnitude of dot product becomes equal to cross product:**
 - 65°
 - 45°
 - 76°
 - 30°
- The projectile gains its maximum height at an of:**
 - 0°
 - 45°
 - 60°
 - 90°
- The scalar product of two vector is maximum if they are:**
 - Perpendicular
 - Parallel
 - 30°
 - at 45°
- The range of projectile is same for two angles which are mutually:**
 - Perpendicular
 - Supplementary
 - Complementary
 - 270°
- The acceleration at the top of a trajectory of projectile is:**
 - Maximum
 - Minimum
 - Zero
 - g
- SI unit of impulse is:**
 - Kg m s^{-2}
 - N m
 - N s
 - N m^2
- The rate of change of momentum is:**
 - Force
 - Impulse
 - Acceleration
 - Power
- As rocket moves upward during its journey, then its acceleration goes on:**
 - Increasing
 - Decreasing
 - Remains same
 - No relation between energy and elastic collision
- Elastic collision involves:**
 - Loss of energy
 - Gain of energy
 - No gain, no loss of energy
 - No relation between energy and elastic collision



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1ST Year Solved Exercise MCQs



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Answer Key

1	B	2	D	3	B	4	C
5	D	6	C	7	A	8	A
9	C						