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(3rd Semester)

PHYSICS

Paper No. : PHY (P&H)-301

(**Electrodynamics-I and Quantum Mechanics-I**)

KEY ANSWERS FOR OBJECTIVES

SECTION—I

1. (b) from negative to positive
2. (c) 1 : 1
3. (b) $\vec{E} = -\vec{\nabla} V$
4. (a) zero
5. (b) $\vec{\nabla} \cdot \vec{B} = 0$
6. (a) zero
7. (a) $\hat{H} \Psi = i \hbar \frac{\partial}{\partial t} \Psi$
8. (b) electron diffraction
9. (d) inversely proportional to l^2
10. (c) $\frac{1}{2} \hbar \omega$
