



<b>Q No</b>	<b>Topic</b>	<b>Difficulty</b>	<b>Nature of Question</b>
Q1	Solid State / Semiconductor	Easy	Direct formula (np product)
Q2	Mathematical Physics (Complex QM expectation)	Moderate	Conceptual + algebra
Q3	Optics (Optical Activity)	Moderate	Formula + substitution
Q4	Electromagnetic Theory	Easy	Path integral concept
Q5	Quantum Mechanics	Moderate	Energy level change
Q6	Electronics / Boolean Algebra	Easy	Logic simplification
Q7	Quantum Mechanics	Moderate	Normalisation + probability
Q8	Waves / Polarisation	Moderate	Phase + amplitude condition
Q9	Mathematical Physics (ODE eigenvalue)	Moderate	Boundary condition
Q10	Mathematical Physics (Matrix determinant)	Easy	Direct property
Q11	Mathematical Physics (Eigenvalues)	Moderate	Trace + determinant
Q12	Mechanics (Central force)	Easy	Conservation law concept
Q13	Solid State	Easy	Packing fraction
Q14	Mathematical Physics (Taylor expansion)	Easy	Standard expansion
Q15	Mathematical Physics (Vector identity)	Easy	Direction concept
Q16	Mechanics (Circular motion)	Easy	Velocity change geometry
Q17	Modern Physics (Uncertainty)	Easy	Direct formula
Q18	Mechanics (Power)	Easy	Basic formula
Q19	Modern Physics (Relativity spacetime diagram)	Tough	Graphical interpretation
Q20	Waves & Optics (Interference vector k)	Moderate	Geometry + wave vector
Q21	EMT	Moderate	Field concept
Q22	Thermodynamics	Moderate	Thermodynamic identity
Q23	Modern Physics	Easy	Basic concept
Q24	Electronics	Moderate	Circuit logic
Q25	Mechanics	Moderate	Multi-step calculation

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<b>Q No Topic</b>	<b>Difficulty</b>	<b>Nature of Question</b>
Q26 Mathematical Physics	Moderate	Vector calculus
Q27 Solid State	Easy	Basic concept
Q28 EMT	Moderate	Field + geometry
Q29 Waves	Easy	Standard formula
Q30 Thermodynamics	Moderate	Process analysis

<b>Q No Topic</b>	<b>Difficulty</b>	<b>Nature</b>
Q31 Mathematical Physics	Moderate	Multi-statement
Q32 Mechanics	Moderate	Conceptual
Q33 EMT	Moderate	Field logic
Q34 Thermodynamics	Moderate	Multi concept
Q35 Modern Physics	Moderate	Concept based
Q36 Mathematical Physics	Tough	All options type
Q37 Waves & Optics	Moderate	Phase relation
Q38 Solid State	Easy	Basic concept
Q39 Mechanics	Tough	Multi-step
Q40 EMT	Moderate	Field reasoning

<b>Q No Topic</b>	<b>Difficulty</b>	<b>Nature</b>
Q41 Mathematical Physics	Easy	Simple algebra
Q42 Mechanics	Easy	Direct formula
Q43 Thermodynamics	Moderate	Substitution
Q44 EMT	Moderate	Calculation

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<b>Q No</b>	<b>Topic</b>	<b>Difficulty</b>	<b>Nature</b>
Q45	Modern Physics	Easy	Direct
Q46	Solid State	Easy	Formula
Q47	Waves	Moderate	Calculation
Q48	Mathematical Physics	Moderate	Integration
Q49	Mechanics	Easy	Formula
Q50	Thermodynamics	Moderate	Concept
Q51	EMT	Moderate	Field
Q52	Solid State	Easy	Direct
Q53	Waves	Moderate	Phase
Q54	Modern Physics	Moderate	Energy relation
Q55	Mathematical Physics	Tough	Lengthy
Q56	Mechanics	Moderate	Multi-step
Q57	EMT	Moderate	Calculation
Q58	Thermodynamics	Tough	Concept + calc
Q59	Solid State	Easy	Basic
Q60	Electronics	Easy	Direct