

Test Pattern

- Topic Wise Test (TWT):-** There are 67+ topic wise test and time duration of each test is 1:00 Hour.
- Full Length Test (FLT):-** These full length tests are as per IIT-JAM Exam pattern. There are 60 questions in each out of 60 questions all questions have to be attempt and time duration is 03:00 Hour.

Total number of test is **five**.

Total Number of Questions for each topic: **60 Questions**

Part A Questions [1-10 Question 1 Mark, 11-30 Question 2 Mark] : **30 Questions**

Part B Questions [31-40 Question 2 Mark] : **10 Questions**

Part C Questions [41-50 Question 1 Mark, 51-60 Question 2 Mark] : **20 Questions**

- Student can attempt more than **1500+** number of questions.

Topic Wise Test (TWT) Schedule

01 Mathematical Methods		
Status	Name of Test	Topics
Released	TWT -01	Vector Analysis
	TWT -02	Dirac Delta Function
	TWT -03	Differential Equations
	TWT -04	Linear Algebra Matrices
	TWT -05	Fourier Series
	TWT -06	Complex Number and Functions

02 Mechanics and General Properties of Matter		
Status	Name of Test	Topics
Released	TWT -01	Stability Analysis
	TWT -02	Newton's Law
	TWT -03	Central Force
	TWT -04	Conservation of Energy & Momentum
	TWT -05	Centre of Mass & Moment of Inertia
	TWT -06	Rotational Dynamics

03 Oscillations, Waves and Optics		
Status	Name of Test	Topics
Released	TWT -01	Simple Harmonic Motions and Its Superposition
	TWT -02	Damped Harmonic Oscillations & Forced Oscillations
	TWT -03	Wave Motion, Phase & Group Velocity and Doppler Effect
	TWT -04	Interference of Light
	TWT -05	Diffraction of Light
	TWT -06	Polarisation of Light
	TWT -07	Ray Optics

04 Electricity and Magnetism

Status	Name of Test	Topics
Released	TWT -01	Coulomb's Law To Properties of Conductor
	TWT -02	Electric Dipole To Image Problem
	TWT -03	Motion of Charged Particles To Amperes Law
	TWT -04	Magnetic Vector Potential To Magneto-static Boundary Conditions
	TWT -05	Electromagnetic Induction, Maxwell Equations
	TWT -06	E.M. Wave in Free Space, Dielectrics, Conductors, Reflection and Transmission

05 Kinetic Theory, Thermodynamics

Status	Name of Test	Topics
Released	TWT -01	Kinetic Theory of Gases and Maxwell Boltzmann Distribution Law
	TWT -02	Transport Phenomenon, Real Gases, First and Second Law
	TWT -03	Entropy, Thermodynamic Potentials, Maxwell Relations
	TWT -04	Blackbody Radiation and Elementary Statistical Mechanics

06 Modern Physics

Status	Name of Test	Topics
Released	TWT -01	Basic Properties of Nuclei
	TWT -02	Radioactivity and Nuclear Reaction
	TWT -03	Modern Physics
	TWT -04	Tools & Postulates of Quantum Mechanics
	TWT -05	Free Particle
	TWT -06	2D, 3D Harmonic Oscillator
	TWT -07	Special Theory of Relativity
	TWT -08	Atomic Physics

07 Solid State Physics, Device and Electronics

Status	Name of Test	Topics
Released	TWT -01	Crystal structure
	TWT -02	XRD and Reciprocal Lattice
	TWT -03	Semiconductor Physics
	TWT -04	Network Analysis
	TWT -05	PN Junction diode
	TWT -06	Transistor
	TWT -07	OP-AMP
	TWT -08	Digital Electronics

Full Length Test (FLT) Pattern And Schedule

- Section A: **30 Multiple Choice Questions (MCQ)**
Q.1 – Q.10 Carry ONE Mark Each.
Q.11 – Q.30 Carry TWO Marks Each.
- Section B: **10 Multiple Select Questions (MSQ)**
Q.31 – Q.40 Carry TWO Marks Each.
- Section C: **20 Numerical Answer Type (NAT)**
Q.41 – Q.50 Carry ONE Mark Each.
Q.51 – Q.60 Carry TWO Marks Each.

Date	Name of Test	Syllabus
To be announced soon	FLT – 01	Complete Syllabus of IIT - JAM
To be announced soon	FLT – 02	Complete Syllabus of IIT - JAM
To be announced soon	FLT – 03	Complete Syllabus of IIT - JAM
To be announced soon	FLT – 04	Complete Syllabus of IIT - JAM
To be announced soon	FLT – 05	Complete Syllabus of IIT – JAM

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