



# Aakash

Medical | IIT-JEE | Foundations

## AIATS Schedule for JEE (Main & Adv)

For Class- XII Passed (2024-25)

### Online Test Schedule for Class XII Passed

Test	Date	Day	TOPIC
UT-01 (Main)	29-06-2024	Saturday	<p><b>Physics:</b> Physical World, Units &amp; Measurement, Motion in a Straight Line, Motion in a Plane, Laws of Motion, Work, Energy and Power</p> <p><b>Chemistry:</b> Structure of Atom, Some Basic Concepts of Chemistry, Classification of Elements and Periodicity in Properties, Chemical Bonding and Molecular Structure Thermodynamics</p> <p><b>Maths:</b> Quadratic Equations, Complex Numbers, Sequences and Series, Binomial Theorem</p>
PT-01 (Advanced) Paper-1 & 2	06-07-2024	Saturday	<p><b>Physics:</b> Physical World and Units &amp; Measurement, Motion in a Straight Line, Motion in a Plane, Laws of Motion, Work, Energy and Power</p> <p><b>Chemistry:</b> Structure of Atom, Some Basic Concepts of Chemistry, Classification of Elements and Periodicity in Properties, Chemical Bonding and Molecular Structure, States of Matter Thermodynamics</p> <p><b>Maths:</b> Quadratic Equations, Complex Numbers, Sequences and Series, Binomial Theorem</p>
UT-02 (Main)	13-07-2024	Saturday	<p><b>Physics:</b> System of Particles and Rotational Motion, Gravitation, Mechanical Properties of Solids, Mechanical Properties of Fluids</p> <p><b>Chemistry:</b> Equilibrium, Redox Reactions, Stoichiometry &amp; (Volumetric Analysis), Solution Electrochemistry, Chemical Kinetics and Nuclear Chemistry</p> <p><b>Maths:</b> Permutations and Combinations, Matrices, Determinants, Trigonometric Functions</p>
PT-02 (Advanced) Paper-1 & 2	27-07-2024	Saturday	<p><b>Physics:</b> System of Particles and Rotational Motion, Gravitation, Mechanical Properties of Solids, Mechanical Properties of Fluids</p> <p><b>Chemistry:</b> Equilibrium, Redox Reactions, Stoichiometry &amp; (Volumetric Analysis)*, The Solid State, Solution, Electrochemistry, Chemical Kinetics and Nuclear Chemistry, Surface Chemistry</p> <p><b>Maths:</b> Permutations and Combinations, Matrices, Determinants, Trigonometric Functions</p>
UT-03 (Main)	10-08-2024	Saturday	<p><b>Physics:</b> Thermal Properties of Matter, Thermodynamics, Kinetic Theory of Gases, Oscillations, Waves</p> <p><b>Chemistry:</b> Organic Chemistry - Some Basic Principles and Techniques, Hydrocarbons, Haloalkanes and Haloarenes</p> <p><b>Maths:</b> Inverse Trigonometric Functions, Straight Lines (Including Pair of Straight Lines), Conic Sections-I (Circle), Conic Sections-II (Parabola, Ellipse, Hyperbola)</p>
PT-03 (Advanced) Paper-1 & 2	24-08-2024	Saturday	<p><b>Physics:</b> Thermal Properties of Matter, Thermodynamics, Kinetic Theory of Gases, Oscillations, Waves</p> <p><b>Chemistry:</b> Organic Chemistry - Some Basic Principles and Techniques, Hydrocarbons, Haloalkanes and Haloarenes</p> <p><b>Maths:</b> Inverse Trigonometric Functions, Straight Lines (Including Pair of Straight Lines), Conic Sections-I (Circle), Conic Sections-II (Parabola, Ellipse, Hyperbola)</p>
UT-04 (Main)	07-09-2024	Saturday	<p><b>Physics:</b> Electric Charges and Field, Electrostatic Potential and Capacitance, Current Electricity, Moving Charges &amp; Magnetism</p> <p><b>Chemistry:</b> Alcohols, Phenols and Ethers, Aldehydes, Ketones and Carboxylic Acids, Amines, Biomolecules, Redox Reactions, Stoichiometry &amp; (Volumetric Analysis)</p> <p><b>Maths:</b> Basics of Mathematics (Sets), Relations and Functions, Limits and Derivatives, Continuity and Differentiability, Applications of Derivatives</p>



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<b>PT-04 (Advanced) Paper-1 &amp; 2</b>	14-09-2024	Saturday	<p><b>Physics:</b> Electric Charges and Field, Electrostatic Potential and Capacitance, Current Electricity, Moving Charges &amp; Magnetism</p> <p><b>Chemistry:</b> Alcohols, Phenols and Ethers, Aldehydes, Ketones and Carboxylic Acids, Amines, Biomolecules, Polymers, Chemistry in Everyday life, Redox Reactions, Stoichiometry &amp; (Volumetric Analysis), Environmental Chemistry</p> <p><b>Maths:</b> Basics of Mathematics (Sets), Relations and Functions, Limits and Derivatives, Continuity and Differentiability, Applications of Derivatives</p>
<b>UT-05 (Main)</b>	28-09-2024	Saturday	<p><b>Physics:</b> Magnetism and Matter, Electromagnetic Induction, Alternating Current, Electromagnetic Waves, Ray Optics and Optical Instruments</p> <p><b>Chemistry:</b> The d &amp; f-Block Elements, Coordination Compounds, Principles Related to Practical Chemistry including Qualitative Analysis</p> <p><b>Maths:</b> Indefinite Integration, Definite Integration, Applications of Integrals, Differential Equations</p>
<b>PT-05 (Advanced) Paper-1 &amp; 2</b>	11-10-2024	Friday	<p><b>Physics:</b> Electromagnetic Induction, Alternating Current, Electromagnetic Waves, Ray Optics and Optical Instruments</p> <p><b>Chemistry:</b> The d &amp; f-Block Elements, Coordination Compounds, Principles Related to Practical Chemistry including Qualitative Analysis, General Principles &amp; Processes of Isolation of Elements</p> <p><b>Maths:</b> Indefinite Integration, Definite Integration, Applications of Integrals, Differential Equations</p>
<b>UT-06 (Main)</b>	26-10-2024	Saturday	<p><b>Physics:</b> Wave Optics, Dual Nature of Radiation and Matter, Atoms, Nuclei, Semiconductor Electronics : Materials, Devices and Simple Circuits, Experimental Physics</p> <p><b>Chemistry:</b> The p-Block Elements (Group 13-18)</p> <p><b>Maths:</b> Vector Algebra, Three Dimensional Geometry, Probability, Statistics</p>
<b>PT-06 (Advanced) Paper-1 &amp; 2</b>	16-11-2024	Saturday	<p><b>Physics:</b> Wave Optics, Dual Nature of Radiation and Matter, Atoms, Nuclei, Experimental Physics</p> <p><b>Chemistry:</b> Hydrogen, The s-Block Elements, The p-Block Elements (Group 13-14), The p-Block Elements (Group 15-18)</p> <p><b>Maths:</b> Vector Algebra, Three Dimensional Geometry, Probability, Statistics</p>
<b>Mock Test-1</b>	04-01-2025	Saturday	Mock Test on JEE (Main)
<b>Mock Test-2</b>	14-01-2025	Tuesday	Mock Test on JEE (Advanced) (Paper-1 & 2)
<b>Mock Test-3</b>	18-01-2025	Saturday	Mock Test on JEE (Main)
<b>Mock Test-4</b>	25-01-2025	Saturday	Mock Test on JEE (Advanced) (Paper-1 & 2)

Test No.	Test Date	Date of Display of Answer key and uploading of video Solutions	Result Date	Pattern of Test	Subject	Topics for the Test
1	06-10-2024	08-10-2024	13-10-2024	JEE (Main)	Phy	Physical World and Units & Measurement, Motion in a Straight Line, Motion in a Plane, Laws of Motion, Work, Energy and Power, System of Particles and Rotational Motion, Gravitation, Mechanical Properties of Solids, Mechanical Properties of Fluids
					Chem	Structure of Atom, Some Basic Concepts of Chemistry, Classification of Elements and Periodicity in Properties, Chemical Bonding and Molecular Structure, Thermodynamics, Equilibrium, Redox Reactions, Stoichiometry & (Volumetric Analysis)*, Solution, Electrochemistry, Chemical Kinetics
					Maths	Quadratic Equations, Complex Numbers, Sequences and Series, Binomial Theorem, Permutations and Combinations, Matrices, Determinants, Trigonometric Functions
1A	20-10-2024	22-10-2024	27-10-2024	JEE (Advanced) Paper-1 & 2	Phy	Physical World and Units & Measurement, Motion in a Straight Line, Motion in a Plane, Laws of Motion, Work, Energy and Power, System of Particles and Rotational Motion, Gravitation, Mechanical Properties of Solids, Mechanical Properties of Fluids
					Chem	Structure of Atom, Some Basic Concepts of Chemistry, Classification of Elements and Periodicity in Properties, Chemical Bonding and Molecular Structure, States of Matter, Thermodynamics, Equilibrium, Redox Reactions, Stoichiometry & (Volumetric Analysis)*, The Solid State, Solution, Electrochemistry, Chemical Kinetics and Nuclear Chemistry, Surface Chemistry
					Maths	Quadratic Equations, Complex Numbers, Sequences and Series, Binomial Theorem, Permutations and Combinations, Matrices, Determinants, Trigonometric Functions
2	01-12-2024	03-12-2024	08-12-2024	JEE (Main)	Phy	Thermal Properties of Matter, Thermodynamics, Kinetic Theory of Gases, Oscillations, Waves, Electric Charges and Field, Electrostatic Potential and Capacitance, Current Electricity, Moving Charges & Magnetism
					Chem	Organic Chemistry - Some Basic Principles and Techniques, Hydrocarbons, Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers, Aldehydes, Ketones and Carboxylic Acids, Amines, Biomolecules
					Maths	Inverse Trigonometric Functions, Straight Lines (Including Pair of Straight Lines), Conic Sections-I (Circle), Conic Sections-II (Parabola, Ellipse, Hyperbola), Basics of Mathematics (Sets), Relations and Functions, Limits and Derivatives, Continuity and Differentiability, Applications of Derivatives
2A	08-12-2024	10-12-2024	15-12-2024	JEE (Advanced) Paper-1 & 2	Phy	Thermal Properties of Matter, Thermodynamics, Kinetic Theory of Gases, Oscillations, Waves, Electric Charges and Field, Electrostatic Potential and Capacitance, Current Electricity, Moving Charges & Magnetism
					Chem	Organic Chemistry - Some Basic Principles and Techniques, Hydrocarbons, Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers, Aldehydes, Ketones and Carboxylic Acids, Amines, Biomolecules, Polymers, Chemistry in Everyday life, Environmental Chemistry
					Maths	Inverse Trigonometric Functions, Straight Lines (Including Pair of Straight Lines), Conic Sections-I (Circle), Conic Sections-II (Parabola, Ellipse, Hyperbola), Basics of Mathematics (Sets), Relations and Functions, Limits and Derivatives, Continuity and Differentiability, Applications of Derivatives
3	19-01-2025	21-01-2025	26-01-2025	JEE (Main)	Phy	Magnetism and Matter, Electromagnetic Induction, Alternating Current, Electromagnetic Waves, Ray Optics and Optical Instruments, Wave Optics, Dual Nature of Radiation and Matter, Atoms, Nuclei, Semiconductor Electronics : Materials, Devices and Simple Circuits, Experimental Physics
					Chem	The d & f-Block Elements, Coordination Compounds, Principles Related to Practical Chemistry including Qualitative Analysis, The p-Block Elements (Group 13-14), The p-Block Elements (Group 15-18)
					Maths	Indefinite Integration, Definite Integration, Applications of Integrals, Differential Equations, Vector Algebra, Three Dimensional Geometry, Probability, Statistics
3A	02-02-2025	04-02-2025	09-02-2025	JEE (Advanced) Paper-1 & 2	Phy	Electromagnetic Induction, Alternating Current, Electromagnetic Waves, Ray Optics and Optical Instruments, Wave Optics, Dual Nature of Radiation and Matter, Atoms, Nuclei, Experimental Physics
					Chem	The d & f-Block Elements, Coordination Compounds, Principles Related to Practical Chemistry including Qualitative Analysis, General Principles & Processes of Isolation of Elements, Hydrogen, The s-Block Elements, The p-Block Elements (Group 13-14), The p-Block Elements (Group 15-18)
					Maths	Indefinite Integration, Definite Integration, Applications of Integrals, Differential Equations, Vector Algebra, Three Dimensional Geometry, Probability, Statistics
4	09-02-2025	11-02-2025	16-02-2025	JEE (Main)	PCM	MOCK TEST on Complete Syllabus of JEE (Main)
4A	16-02-2025	18-02-2025	23-02-2025	JEE (Advanced) Paper-1 & 2	PCM	MOCK TEST on Complete Syllabus of JEE (Advanced)
5	23-03-2025	25-03-2025	30-03-2025	JEE (Main)	PCM	MOCK TEST on Complete Syllabus of JEE (Main)
6	30-03-2025	01-04-2025	06-04-2025	JEE (Main)	PCM	MOCK TEST on Complete Syllabus of JEE (Main)
5A	20-04-2025	22-04-2025	27-04-2025	JEE (Advanced) Paper-1 & 2	PCM	MOCK TEST on Complete Syllabus of JEE (Advanced)
6A	27-04-2025	29-04-2025	04-05-2025	JEE (Advanced) Paper-1 & 2	PCM	MOCK TEST on Complete Syllabus of JEE (Advanced)
7A	04-05-2025	06-05-2025	11-05-2025	JEE (Advanced) Paper-1 & 2	PCM	MOCK TEST on Complete Syllabus of JEE (Advanced)
8A	11-05-2025	13-05-2025	18-05-2025	JEE (Advanced) Paper-1 & 2	PCM	MOCK TEST on Complete Syllabus of JEE (Advanced)



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## Summary for Class XI & XII

AIATS PACKAGE	
Year Syllabus	Class XI & XII
AIATS	14
Unit Tests	6
Part Tests	6
Full Syllabus Tests	4

