

Ai²TS SYLLABUS

The syllabus for classes IX, X & XI are exclusive and only cover the current year's coverage however for class XII the syllabus covers all the topics which are listed in the JEE Syllabus.

CLASS	Ai ² TS	CHEMISTRY		MATHEMATICS		PHYSICS	
IX	Ai ² TS-1(IX) 11-Sep-17	100%	Matter in Our Surrounding, Properties of Matter	100%	Euclid Geometry Lines and Angles Number System, Indices, Surds & Logarithms Polynomials	100%	Motion
	Ai ² TS-2(IX) 06-Nov-17	30%	Ai ² TS-1 Syllabus	30%	Ai ² TS-1 Syllabus	30%	Ai ² TS-1 Syllabus
		70%	Is matter around as pure?	70%	Co-ordinate Geometry Heron's Formula Triangles	70%	Gravitation Laws of Motion
	Ai ² TS-3(IX) 08-Jan-18	40%	Ai ² TS-1 & Ai ² TS-2 Syllabus	40%	Ai ² TS-1 & Ai ² TS -2 Syllabus	40%	Ai ² TS -1 & Ai ² TS -2 Syllabus
		60%	Atoms, Molecules & Mole Concept	60%	Areas of Parallelogram and Triangles Linear Equations in Two Variables Quadrilateral Statistics	60%	Fluid Work, Power energy
Ai ² TS-4(IX) 05-Mar-18	60%	Atomic structure	60%	Circles Constructions Probability Surface Area and Volume	60%	Sound	

CLASS	Ai ² TS	CHEMISTRY		MATHEMATICS		PHYSICS	
X	Ai ² TS-1(X) 17-Jul-17	100%	Acid Base And Salts Chemical Reactions	100%	Linear Equations in Two Variables Polynomials Real Numbers	100%	Domestic Electric Circuits Electricity
	Ai ² TS-2(X) 28-Aug-17	30%	Ai ² TS-1 Syllabus	30%	Ai ² TS-1 Syllabus	30%	Ai ² TS-1 Syllabus
		70%	Metals and Non Metals	70%	Similar Triangles Statistics Trigonometry Application of Trigonometry	70%	Magnetic Effect of Electric Current Source of Energy
	Ai ² TS-3(X) 30-Oct-17	40%	Ai ² TS-1 & Ai ² TS-2 Syllabus	40%	Ai ² TS-1 & Ai ² TS -2 Syllabus	40%	Ai ² TS -1 & Ai ² TS -2 Syllabus
		60%	Carbon & Its Compounds	60%	Arithmetic Progressions Constructions Quadratic Equations Tangents to a Circle	60%	Light
Ai ² TS-4(X) 11-Dec-17	60%	Periodic Classification	60%	Ai ² TS-1, Ai ² TS-2 & Ai ² TS-3 Syllabus Area Related to Circle Co-ordinate Geometry Probability Surface Area and Volume	60%	The Human Eye & The Colourful World	

CLASS	Ai ² TS	CHEMISTRY		MATHEMATICS		PHYSICS	
XI	Ai ² TS-1(XI) 18-Sep-17	100%	Mole Concept, Balancing of redox reactions & Stoichiometry Gaseous State Atomic Structure Periodic Properties	100%	Straight Line Trigonometry Trigonometry Ratios & Identities	100%	Units & Dimensions Vectors Kinematics
	Ai ² TS-2(XI) 13-Nov-17	30%	Ai ² TS-1 Syllabus	30%	Ai ² TS-1 Syllabus	30%	Ai ² TS-1 Syllabus
		70%	Chemical Bonding Group 1 & Group 2 Hydrogen & Its Compounds Chemical Kinetics Chemical Equilibrium	70%	Circles Parabola	70%	Laws Of Motion Work Power & Energy Conservation Of Momentum
	Ai ² TS-3(XI) 29-Jan-18	40%	Ai ² TS-1 & Ai ² TS-2 Syllabus	40%	Ai ² TS-1 & Ai ² TS -2 Syllabus	40%	Ai ² TS -1 & Ai ² TS -2 Syllabus
		60%	Ionic Equilibrium Thermodynamics Group 13 & Group 14	60%	Ellipse Hyperbola Quadratic Equations & Expressions	60%	Rotational Motion Gravitation Fluids
Ai ² TS-4(XI) 19-Mar-18	60%	General Organic Chemistry Isomerism Electrophilic Aromatic Substitution Hydrocarbons	60%	Ai ² TS-1, Ai ² TS-2 & Ai ² TS-3 Syllabus Binomial Theorem Permutation & Combination Progression and Series Solution Of Triangle Trigonometric Equations Complex Numbers	60%	Simple Harmonic Motion Waves & Sound Heat & Thermodynamics	

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CLASS	Ai ² TS	CHEMISTRY	MATHEMATICS	PHYSICS
XII	Ai ² TS-1(XII) 03-Jul-17	40% Questions from Class XIth topics - Stoichiometry, Gaseous State, Atomic Structure, Periodic Properties 60% Questions from Class XIIth topics - Alky & Aryl Halides, Alcohol, Ether & Phenol, Aldehyde & Ketone	40% Questions from Class XIth topics - Straight Lines, Circle, Conic Section, Parabola, Ellipse, Hyperbola 60% Questions from Class XIIth topics - Functions, Limits Continuity & Differentiability, Application of Derivatives	40% Questions from Class XIth topics - Vectors, Kinematics, Newton's Laws of Motion, Work, Power & Energy 60% Questions from Class XIIth topics - Electrostatics, Current Electricity
	Ai ² TS-2(XII) 31-Jul-17	30% Questions from class XIth topics - Chemical Bonding, S Block & Hydrogen, Chemical Kinetics 20% Questions on Ai ² TS-1 topics (Class XII topics Only) 50% Questions from Class XIIth topics - Carboxylic Acids & Derivatives Amines, Carbohydrate, Amino Acids, Polymers & POC	30% Questions from class XIth topics - Permutation & Combination, Binomial Theorem 20% Questions on Ai ² TS-1 topics (Class XII topics Only) 50% Questions from Class XIIth topics - Indefinite Integrals, Definite Integrals, Area, Differential Equations	30% Questions from class XIth topics - Gravitation, SHM & Elasticity 20% Questions on Ai ² TS-1 topics (Class XII topics Only) 50% Questions from Class XIIth topics - Magnetism
	Ai ² TS-3(XII) 04-Sep-17	30% Questions from class XIth topics - Thermochemistry & Thermodynamics, Chemical Equilibrium, Ionic Equilibrium, Boron & Carbon Family 20% Questions on Ai ² TS-1 & Ai ² TS-2 topics (Class XII topics Only) 50% Questions from Class XIIth topics - Qualitative Analysis, Solid State, Liquid Solution, Electrochemistry	30% Questions from class XIth topics - Quadratic Equations & Expressions, Logarithms, Complex Numbers 20% Questions on Ai ² TS-1 & Ai ² TS-2 topics (Class XII topics Only) 50% Questions from Class XIIth topics - Probability, Determinants, Matrices & Vector	30% Questions from class XIth topics - Conservation of Momentum, Rotation & Motion, Fluid 20% Questions on Ai ² TS-1 & Ai ² TS-2 topics (Class XII topics Only) 50% Questions from Class XIIth topics - Electromagnetic Induction
	Ai ² TS-4(XII) 09-Oct-17	30% Questions from class XIth topics - GOC & Isomerism, EAS, Hydrocarbons 20% Questions on Ai ² TS-1, Ai ² TS-2 & Ai ² TS-3 topics (Class XII topics Only) 50% Questions from Class XIIth topics - Transition Elements & Coordination Compounds, Gr 15-18 Groups, Ores & Metallurgy	30% Questions from class XIth topics - Progression & Series, Trigonometric Ratios and Identities, Solution of Triangle, Trigonometric Equations, Inverse Trigonometric Function 20% Questions on Ai ² TS-1, Ai ² TS-2 & Ai ² TS-3 topics (Class XII topics Only) 50% Questions from Class XIIth topics - 3-D Geometry	30% Questions from class XIth topics - Waves & Sound and Heat & Thermodynamics 20% Questions on Ai ² TS-1, Ai ² TS-2 & Ai ² TS-3 topics (Class XII topics Only) 50% Questions from Class XIIth topics - Geometrical Optics & Wave Optics, Modern Physics
	Ai ² TS-5(XII) 20-Nov-17	Stoichiometry Gaseous State Atomic Structure Periodic Properties Chemical Bonding S-Block & Hydrogen Chemical Kinetics Thermo chemistry & Thermodynamics	Set, Relations & Function Function Limits, Continuity & Differentiability Application of Derivatives Indefinite Integrals Definite Integrals	Vector Kinematics Laws of Motion Work, Energy & Power Conservation of Momentum
	Ai ² TS-6(XII) 18-Dec-17	Chemical Equilibrium Ionic Equilibrium Boron & Carbon Family GOC & Isomerism EAS Hydrocarbons	Area Differential Equations Straight Lines Circle Parabola Ellipse Hyperbola	Rotational Motion Electrostatics Current Electricity
	Ai ² TS-7(XII) 15-Jan-18	Alkyl & Aryl Halides Alcohol, Ether & Phenol Aldehyde & Ketone Carboxylic Acids & Derivatives Amines Carbohydrate, Amino Acid, Polymers & POC	Quadratic Equation & Expressions Complex Numbers Permutation & Combination Probability Binomial Theorem Progression & Series	Magnetism Electromagnetic Induction Heat & Thermodynamics Gravitation Fluid
	Ai ² TS-8(XII) 19-Feb-18	Qualitative Analysis Solid State Liquid Solution Transition Elements & Coordination Chemistry Electrochemistry Gr-15 to Gr-18 Groups Ores & Metallurgy	Vector 3D Geometry Trigonometric Ratios & Identities Matrices Determinants	SHM & Elasticity Waves & Sound Geometrical Optics Wave Optics
	Ai ² TS-9(XII) 16-Apr-18	PAPER 1 (3 Hrs) – FULL JEE ADVANCED SYLLABUS PAPER 2 (3 Hrs) – FULL JEE ADVANCED SYLLABUS		
	Ai ² TS-10(XII) 23-Apr-18	PAPER 1 (3 Hrs) – FULL JEE ADVANCED SYLLABUS PAPER 2 (3 Hrs) – FULL JEE ADVANCED SYLLABUS		

Ai²TS SCHEDULE

Ai ² TS	DATE OF EXAM	TIME OF EXAM	PRE – TEST	TEST DAY	POST - TEST		
			DAY 1	DAY 4	DAY 5	DAY 6	DAY 7
			Mailing of Question Paper	Test Conduction & Attendance	OMR Scanning & Key Error Reporting	Response Extraction & Validation	Result Import/ Validation/ Finalization
Ai ² TS-1(IX)	11-Sep-17	16:00 – 19:00	08-Sep-17	11-Sep-17	12-Sep-17	13-Sep-17	14-Sep-17
Ai ² TS-2(IX)	06-Nov-17	16:00 – 19:00	03-Nov-17	06-Nov-17	07-Nov-17	08-Nov-17	09-Nov-17
Ai ² TS-3(IX)	08-Jan-18	16:00 – 19:00	05-Jan-18	08-Jan-18	09-Jan-18	10-Jan-18	11-Jan-18
Ai ² TS-4(IX)	05-Mar-18	16:00 – 19:00	02-Mar-18	05-Mar-18	06-Mar-18	07-Mar-18	08-Mar-18
Ai ² TS-1(X)	17-Jul-17	16:00 – 19:00	14-Jul-17	17-Jul-17	18-Jul-17	19-Jul-17	20-Jul-17
Ai ² TS-2(X)	28-Aug-17	16:00 – 19:00	25-Aug-17	28-Aug-17	29-Aug-17	30-Aug-17	31-Aug-17
Ai ² TS-3(X)	30-Oct-17	16:00 – 19:00	27-Oct-17	30-Oct-17	31-Oct-17	01-Nov-17	02-Nov-17
Ai ² TS-4(X)	11-Dec-17	16:00 – 19:00	08-Dec-17	11-Dec-17	12-Dec-17	13-Dec-17	14-Dec-17
Ai ² TS-1(XI)	18-Sep-17	16:00 – 19:00	15-Sep-17	18-Sep-17	19-Sep-17	20-Sep-17	21-Sep-17
Ai ² TS-2(XI)	13-Nov-17	16:00 – 19:00	10-Nov-17	13-Nov-17	14-Nov-17	15-Nov-17	16-Nov-17
Ai ² TS-3(XI)	29-Jan-18	16:00 – 19:00	26-Jan-18	29-Jan-18	30-Jan-18	31-Jan-18	01-Feb-18
Ai ² TS-4(XI)	19-Mar-18	16:00 – 19:00	16-Mar-18	19-Mar-18	20-Mar-18	21-Mar-18	22-Mar-18
Ai ² TS-1(XII)	03-Jul-17	16:00 – 19:00	30-Jun-17	03-Jul-17	04-Jul-17	05-Jul-17	06-Jul-17
Ai ² TS-2(XII)	31-Jul-17	16:00 – 19:00	28-Jul-17	31-Jul-17	01-Aug-17	02-Aug-17	03-Aug-17
Ai ² TS-3(XII)	04-Sep-17	16:00 – 19:00	01-Sep-17	04-Sep-17	05-Sep-17	06-Sep-17	07-Sep-17
Ai ² TS-4(XII)	09-Oct-17	16:00 – 19:00	06-Oct-17	09-Oct-17	10-Oct-17	11-Oct-17	12-Oct-17
Ai ² TS-5(XII)	20-Nov-17	16:00 – 19:00	17-Nov-17	20-Nov-17	21-Nov-17	22-Nov-17	23-Nov-17
Ai ² TS-6(XII)	18-Dec-17	16:00 – 19:00	15-Dec-17	18-Dec-17	19-Dec-17	20-Dec-17	21-Dec-17
Ai ² TS-7(XII)	15-Jan-18	16:00 – 19:00	12-Jan-18	15-Jan-18	16-Jan-18	17-Jan-18	18-Jan-18
Ai ² TS-8(XII)	19-Feb-18	16:00 – 19:00	16-Feb-18	19-Feb-18	20-Feb-18	21-Feb-18	22-Feb-18
Ai ² TS-9(XII) – Paper 1	16-Apr-18	10:00 – 13:00	13-Apr-18	16-Apr-18	17-Apr-18	18-Apr-18	19-Apr-18
Ai ² TS-9(XII) – Paper 2		14:00 – 17:00					
Ai ² TS-10(XII) – Paper 1	23-Apr-18	10:00 – 13:00	20-Apr-18	23-Apr-18	24-Apr-18	25-Apr-18	26-Apr-18
Ai ² TS-10(XII) – Paper 2		14:00 – 17:00					