



**NTA JEE MAINS 2019**  
**ONLINE TEST SERIES**

**THE MOST COMPREHENSIVE  
ONLINE TEST SERIES FOR  
NTA BASED JEE MAINS 2019**

# CHAPTER TESTS

## LIST OF CHAPTER TESTS

Physics	Chemistry	Mathematics
1 Fluid Mechanics	Atomic Structure	Binary Operations & Basic Functions
2 Force and Friction	Chemical Bonding	Binomial Theorem
3 Gravitation	Chemical Equilibrium	Circle
4 Heat Transfer	Environmental Chemistry	Complex Number
5 Kinematics	Gaseous State	Ellipse
6 Laws Of Motion	General Organic Chemistry	Hyperbola
7 Momentum and Collision	Halogen Derivatives	Limits
8 Rotational Motion	Hydrocarbons	Mathematical Reasoning & Induction
9 Simple Harmonic Motion	Ionic Equilibrium	Parabola
10 Surface Tension	Mole Concept	Permutation & Combination
11 Thermodynamics	Periodic Table and Properties	Quadratic Equations
12 Units Dimension	Thermochemistry	Sequences and Series
13 Wave and Sound	S-Block	Straight line
14 Work, Power & Energy	Alcohol Phenol Ether	Trigonometric Ratios & Equations
15 Alternating Current	Aldehyde Ketone	Continuity
16 Atomic Physics	Amines	Definite Integration
17 Capacitance	Biomolecules & Chemistry in Everyday Life	Matrices Determinants
18 Current Electricity	Carboxylic Acid and their Derivatives	Differentiability
19 Electro Magnetic Induction	Chemical Kinetics	Differential Equation
20 Electromagnetic Waves	Coordination Compounds	Differentiation
21 Electrostatics	D-Block Elements	Functions
22 Magnetic Effect Of Current	Electrochemistry	Indefinite Integration
23 Magnetic Field	F-Block Elements	Inverse Trigonometric Function
24 Nuclear Physics	Metallurgy	Maxima Minima
25 Ray Optics	P -Block Elements	Monotonicity
26 Semiconductors & Communication Systems	Solid State	Probability
27 Wave Optics	Solutions	Rate Measure
28	Surface Chemistry	Tangent Normal
29	Qualitative Analysis	Vector 3D
30		Vector

# PART TESTS

## PART TEST SYLLABUS

	PHYSICS	CHEMISTRY	MATHS
Part Syllabus Test 1	Unit and dimension, Kinematics, Laws of Motion and friction, Work, Energy and Power	Some Basic Concept, Atomic Structure, Chemical Bonding and Molecular Structure, States of Matter, Redox Reactions	Sequences and Series, Complex Numbers, Quadratic Equations, Linear Inequalities, Binomial Theorem
Part Syllabus Test 2	Rotational Mechanics, Gravitation, Elasticity, Fluids and Viscosity, Surface Tension	Equilibrium, Chemical Thermodynamics, Periodic Table and and Periodicity, The s-Block Elements, Hydrogen	Trigonometric Identities and Equations, Trigonometric Functions, Inverse Trigonometric Functions, Height & Distances
Part Syllabus Test 3	Waves and Oscillations, Heat and Thermodynamics, Kinetic Theory of Gases	Purification and Characteristics of Organic Compounds, Some Basic Principles of Organic, Hydrocarbons, Environmental Chemistry	Straight Lines, Circles, Parabola, Ellipse and Hyperbola
Part Syllabus Test 4	Complete Course - 11th class		
Part Syllabus Test 5	Electric Charges and Fields, Electrostatic Potential and capacitance, Current Electricity	The Solid State, Solutions, Electrochemistry, Chemical Kinetics, Surface Chemistry	Sets Relations & Functions, Limits and derivatives, Differentiation, Applications of Derivatives
Part Syllabus Test 6	Magnetism and matter, Moving Charges and Magnetism, Electromagnetic Induction, Alternating Current, Electromagnetic Waves,	Halo alkanes and Haloarenes, Alcohols, Phenols Ethers, Aldehydes and Ketone, Carboxylic Acids, Amines, Biomolecules, Polymers	Indefinite integrals, Definite Integration, Area Under the Curve, Differential Equations, 3-D Geometry & Vectors Algebra.
Part Syllabus Test 7	Ray Optics and Optical Instruments, Wave Optics, Dual Nature of Radiation and Matter, Atoms, Nuclei, Semiconductor Electronics, Communication Systems	Metallurgy, The P Block Elements, The d & f block elements, Coordination Compounds, Chemistry in Everyday Life	Matrices and determinants, Permutation Combination, Probability, Statistics & Mathematical Reasoning
Part Syllabus Test 8	Complete Course - 12th class		

# FULL TESTS

- 10 Complete Syllabus JEE Mains Tests
- With detailed hints and solutions

# FEATURES

- PREPARE OR REVISE A CHAPTER
- TAKE THE TEST IMMEDIATELY
- 20 QUESTIONS – 40 MINUTES (CHAPTER TESTS)
- 90 QUESTIONS – 3 HOURS (PART TESTS & FULL TESTS)
- IMMEDIATE ANALYSIS
- DETAILED HINTS & SOLUTIONS
  
- **TESTS TO GET ENOUGH PRACTICE FOR ONLINE JEE MAINS**

# VALIDITY & PRICING

- Valid till 31<sup>st</sup> April 2019
- All the tests Available at Rs. 1500/- only
- You can pay using Net Banking or Credit Card or by PayTM

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