

JEE-MAIN TEST SCHEDULE

XI-CHAPTER WISE OBJECTIVE TEST (ACCORDING TO BOARD)

XI - PHYSICS

Sr. No.	Chapter Name	Que
1	Measurement	30
2	Scalars and Vectors	30
3	Projectile motion	30
4	Force	30
5	Friction in solids and liquids	30
6	Sound Waves	30
7	Thermal properties of matter	30
8	Refraction of Light	30
9	Ray optics	30
10	Electrostatics	30
11	Current electricity	30
12	Magnetic effect of electric current	30
13	Magnetism	30
14	Electromagnetic waves	30

XI - CHEMISTRY

Sr. No.	Chapter Name	Que
1	Some Basic Concepts of Chemistry	30
2	States of matter : Gases and liquids	30
3	Structure of atom	30
4	Periodic table	30
5	Redox reaction	30
6	Chemical equilibrium	30
7	Surface chemistry	30
8	Nature of chemical bond	30
9	Hydrogen	30
10	s-Block elements (group 1 & 2)	30
11	p-Block elements (group 13 & 14)	30
12	Basic principles and techniques in organic chemistry	30
13	Alkanes	30
14	Alkenes	30
15	Alkynes	30
16	Aromatic compounds	30
17	Environmental chemistry	30

XI - MATHEMATICS

Sr. No.	Chapter Name	Que
1	Angle & Measurement	30
2	Trigonometric function	30
3	Trigonometric functions of compound angles & Factorization Formulae	30
4	Locus	30
5	Straight Line	30
6	Circle and Conics	30
7	Vectors & Linear Inequations	30
8	Determinants	30
9	Matrices	30
10	Sets, Relations and Functions	30
11	Logarithms	30
12	Complex Numbers	30
13	Sequences & Series	30
14	Permutations & combinations	30
15	Mathematical Induction and Binomial Theorem	30
16	Limits	30
17	Differentiation	30
18	Integration	30
19	Statistics	30
20	Probability	30

XII-CHAPTER WISE OBJECTIVE TEST (ACCORDING TO BOARD)		
XII - PHYSICS		
Sr. No.	Chapter Name	Que
1	Circular motion	30
2	Gravitation	30
3	Rotational motion	30
4	Oscillations	30
5	Elasticity	30
6	Surface tension	30
7	Wave motion	30
8	Stationary waves	30
9	Kinetic theory of gases	30
10	Wave theory of light	30
11	Interference and diffraction	30
12	Electrostatics	30
13	Current electricity	30
14	Magnetic effects of electric current	30
15	Magnetism	30
16	Electromagnetic inductions	30
17	Electrons and photons	30
18	Atoms, Molecules and Nuclei	30
19	Semiconductors	30
20	Communication systems	30
XII - CHEMISTRY		
Sr. No.	Chapter Name	Que
1	Solid State	30
2	Solutions and colligative properties	30
3	Chemical thermodynamics and energetic	30
4	Electrochemistry	30
5	Chemical kinetics	30
6	General principles and processes of isolation of elements	30
7	p-Block elements (Group - 15, 16, 17, 18)	30
8	d and f Block Elements	30
9	Coordination compounds	30
10	Halogen derivatives of alkanes	30
11	Alcohols, phenols and ethers	30
12	Aldehydes, ketones and carboxylic acids	30
13	Organic compounds containing nitrogen	30
14	Biomolecules	30
15	Polymers	30
16	Chemistry in everyday life	30
XII - MATHEMATICS		
Sr. No.	Chapter Name	Que
1	Mathematical Logic	30
2	Matrices	30
3	Trigonometric functions	30
4	Pair of straight lines	30
5	Circle	30
6	Conics	30
7	Vectors	30
8	Three dimensional geometry	30
9	Line	30
10	Plane	30
11	Linear programming problems	30
12	Continuity	30
13	Differentiation	30
14	Applications of derivative	30
15	Integration	30
16	Applications of definite integral	30
17	Differential equation	30
18	Statistics	30
19	Probability distribution	30
20	Bernoulli trials and Binomial distribution	30

(Actual JEE Main Pattern 11th + 12th Syllabus)**5 - UNIT TEST SCHEDULE**

Sr. No.	PHYSICS	Que
1	UNIT TEST -I	30
	PHYSICS AND MEASUREMENT	
	KINEMATICS	
	LAWS OF MOTION	
	WORK, ENERGY AND POWER	
2	UNIT TEST -II	30
	ROTATIONAL MOTION	
	GRAVITATION	
	PROPERTIES OF SOLIDS & LIQUIDS	
	THERMODYNAMICS	
3	UNIT TEST -III	30
	KINETIC THEORY OF GASES	
	OSCILLATION & WAVES	
	ELECTROSTATICS	
	CURRENT ELECTRICITY	
4	UNIT TEST -IV	30
	MAGNETIC EFFECTS OF CURRENT & MAGNETISM	
	ELECTROMAGNETIC INDUCTION & ALTERNATING CURRENTS	
	ELECTROMAGNETIC WAVES	
	OPTICS	
5	UNIT TEST -V	30
	DUAL NATURE OF MATTER AND RADIATION	
	ATOMS AND NUCLEI	
	ELECTRONIC DEVICES	
	COMMUNICATION SYSTEMS	

Sr. No.	CHEMISTRY	Que
1	UNIT TEST -I	30
	SOME BASIC CONCEPTS	
	STATES OF MATTER (GASES, LIQUID, SOLID)	
	ATOMIC STRUCTURE	
	CHEMICAL BONDING AND MOLECULAR STRUCTURE	
	CHEMICAL THERMODYNAMICS	
2	UNIT TEST -II	30
	SOLUTIONS	
	EQUILIBRIUM (PHYSICAL, CHEMICAL, IONIC)	
	REDOX REACTIONS & ELECTROCHEMISTRY	
	CHEMICAL KINETICS	
	SURFACE CHEMISTRY (ADSORPTION, CATALYSIS, COLLOIDAL STATE)	
3	UNIT TEST -III	30
	CLASSIFICATION OF ELEMENT & PERIODICITY IN PROPERTIES	
	(CLASSIFICATION OF ELEMENTS, PERIODIC TABLE, PERIODICITY IN PROPERTIES)	
	GENERAL PRINCIPLES & PROCESSES OF ISOLATION OF METALS	
	HYDROGEN	
	S-BLOCK ELEMENTS (GROUP 1 & 2)	
	P-BLOCK ELEMENTS (GROUP 13, 14, 15, 16, 17 & 18)	

4	UNIT TEST -IV	30
	D AND F BLOCK ELEMENTS AND THEIR COMPOUNDS	
	CO-ORDINATION COMPOUNDS	
	ENVIRONMENTAL CHEMISTRY (I) GAS II) WATER III) SOIL)	
	PURIFICATION AND CHARACTERISATION OF ORGANIC COMPOUNDS	
	GENERAL ORGANIC CHEMISTRY PRINCIPLES	
5	UNIT TEST -V	30
	ORGANIC COMPOUNDS CONTAINING HALOGENS	
	ORGANIC COMPOUNDS CONTAINING OXYGEN (ALCOHOLS, PHENOLS AND ETHERS, ALDEHYDES AND KETONES & CARBOXYLIC ACIDS)	
	ORGANIC COMPOUNDS CONTAINING NITROGEN (AMINES & DIAZONIUM SA	
	POLYMERS	
	BIOMOLECULES	
	CHEMISTRY IN EVERY DAY LIFE	

Sr. No.	MATHS	Que
1	UNIT TEST -I	30
	SETS, RELATIONS AND FUNCTIONS	
	COMPLEX NUMBERS & QUADRATIC EQUATIONS	
	MATRICES AND DETERMINANTS	
2	UNIT TEST -II	30
	PERMUTATION AND COMBINATION	
	MATHEMATICAL INDUCTION	
3	UNIT TEST -III	30
	SEQUENCE AND SERIES	
	LIMIT AND CONTINUITY & DIFFERENTIABILITY	
	INTEGRAL CALCULUS (INDEFINITE INTEGRALS, DEFINITE INTEGRALS & AREA UNDER SIMPLE CURVES (BOUNDED REGIONS))	
4	UNIT TEST -IV	30
	DIFFERENTIAL EQUATIONS	
	CO-ORDINATE GEOMETRY (STRAIGHT LINE, CIRCLE & CONIC SECTION)	
5	UNIT TEST -V	30
	VECTOR ALGEBRA	
	STATISTICS AND PROBABILITY	
	TRIGONOMETRY	
	(FUNCTIONS & EQUATIONS, HEIGHT & DISTANCES, INVERSE FUNCTIONS)	
MATHEMATICAL REASONING		

10 - FULL PORTION TEST

Lsoft Technologies, Pune

Contact: 020-25455771, 8421808284