

## (JEE Main Pattern 11th + 12th Syllabus)

### UNIT TEST SCHEDULE

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

Sr. No.	CHEMISTRY	Que
1	CHEM UNIT TEST -I	30
	SOME BASIC CONCEPTS	
	STATES OF MATTER (GASES, LIQUID, SOLID)	
	ATOMIC STRUCTURE	
	CHEMICAL BONDING AND MOLECULAR STRUCTURE	
	CHEMICAL THERMODYNAMICS	
2	CHEM UNIT TEST -II	30
	SOLUTIONS	
	EQUILIBRIUM (PHYSICAL, CHEMICAL, IONIC)	
	REDOX REACTIONS & ELECTROCHEMISTRY	
	CHEMICAL KINETICS	
	SURFACE CHEMISTRY (ADSORPTION, CATALYSIS, COLLOIDAL STATE)	
3	CHEM 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 )		

Contact: 020-25455771, 9767449449

4	CHEM 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	
	HYDROCARBONS	
5	CHEM 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	MATHS UNIT TEST -I	30
	SETS, RELATIONS AND FUNCTIONS	
	COMPLEX NUMBERS & QUADRATIC EQUATIONS	
	MATRICES AND DETERMINANTS	
2	MATHS UNIT TEST -II	30
	PERMUTATION AND COMBINATION	
	MATHEMATICAL INDUCTION	
	BINOMIAL THEOREM AND ITS APPLICATION	
3	MATHS UNIT TEST -III	30
	SEQUENCE AND SERIES	
	LIMIT AND CONTINUITY & DIFFERENTIABILITY	
	INTEGRAL CALCULUS (INDEFINITE INTEGRALS, DEFINITE INTEGRALS & AREA UNDER SIMPLE CURVES (BOUNDED REGIONS))	
4	MATHS UNIT TEST -IV	30
	DIFFERENTIAL EQUATIONS	
	CO-ORDINATE GEOMETRY (STRAIGHT LINE, CIRCLE & CONIC SECTION)	
	THREE DIMENSIONAL GEOMETRY	
5	MATHS UNIT TEST -V	30
	VECTOR ALGEBRA	
	STATISTICS AND PROBABILITY	
	TRIGONOMETRY	
	(FUNCTIONS & EQUATIONS, HEIGHT & DISTANCES, INVERSE FUNCTIONS)	
MATHEMATICAL REASONING		

**10 - FULL PORTION TESTS FOR PHYSICS**

**10 - FULL PORTION TESTS FOR CHEMISTRY**

**10 - FULL PORTION TESTS FOR MATHEMATICS**