

Excelling in IIT-JEE Since 2001...



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Educating for better tomorrow

...Growing in JEE (Main) Since 2009

JEE (MAIN) DIVISION

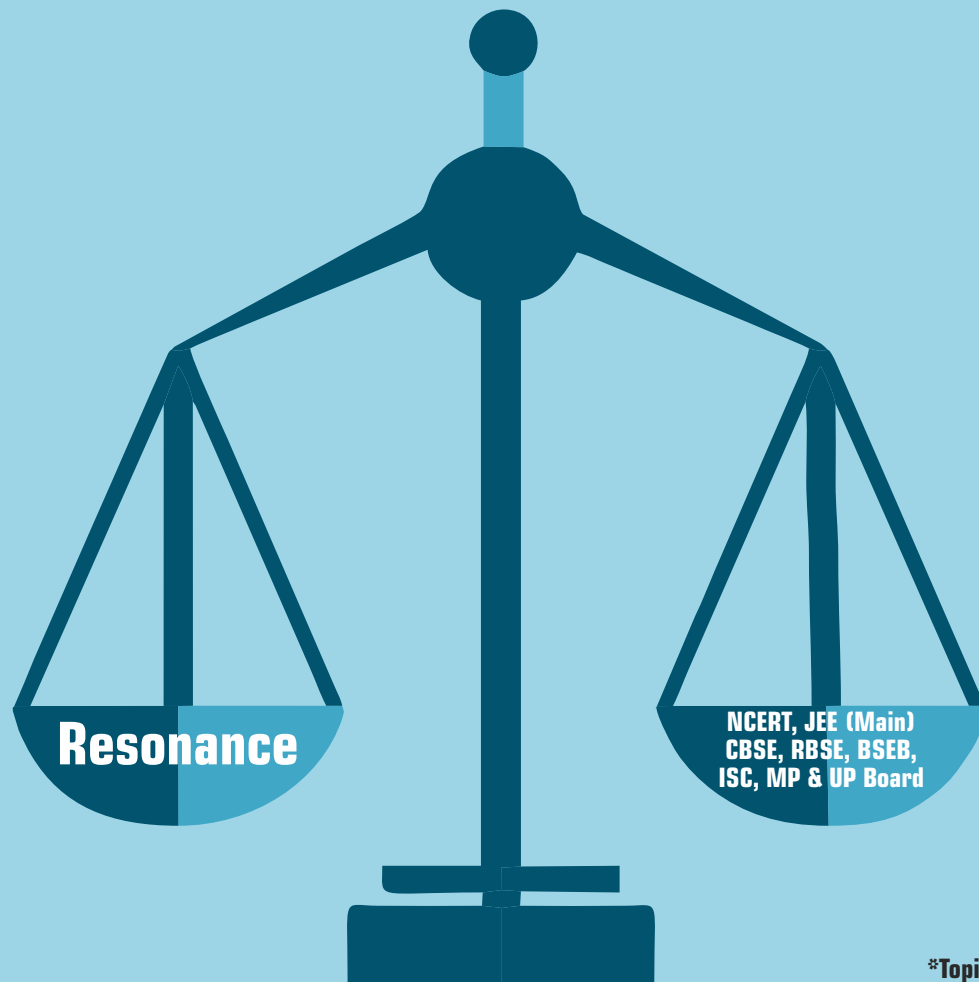
Academic Session: 2018-19

EXPERIENCE
WITH US

- EXCLUSIVITY
- EXPERTISE
- EXCELLENCE

SYLLABUS COMPARISON

(Boards, NCERT, JEE (Main) & Resonance*)



*Topics covered in Resonance

Disclaimer: The comparison is done with the help of information taken from official sources & is for students reference only. However, students are advised to refer the official website for detailed syllabus.

PHYSICS	S#	TOPIC NAME	NCERT	JEE MAIN	CBSE	RBSE	BSEB	MP BOARD	UP BOARD	ISC
	1	PHYSICAL WORLD AND MEASUREMENT	YES	YES	YES	YES	YES	YES	YES	YES
	2	KINEMATICS	YES	YES	YES	YES	YES	YES	YES	YES
	3	LAWS OF MOTION	YES	YES	YES	YES	YES	YES	YES	YES
	4	WORK, ENERGY AND POWER	YES	YES	YES	YES	YES	YES	YES	YES
	5	MOTION OF SYSTEM PARTICLES AND RIGID BODY	YES	YES	YES	YES	YES	YES	YES	YES
	6	GRAVITATION	YES	YES	YES	YES	YES	YES	YES	YES
	7	PROPERTIES OF BULK MATTER	YES	YES	YES	YES	YES	YES	YES	YES
	8	THERMODYNAMICS	YES	YES	YES	YES	YES	YES	YES	YES
	9	BEHAVIOUR OF PERFECT GAS AND KINETIC THEORY	YES	YES	YES	YES	YES	YES	YES	YES
	10	OSCILLATIONS AND WAVES	YES	YES	YES	YES	YES	YES	YES	YES
	11	ELECTROSTATICS	YES	YES	YES	YES	YES	YES	YES	YES
	12	CURRENT ELECTRICITY	YES	YES	YES	YES	YES	YES	YES	YES
	13	MAGNETIC EFFECTS OF CURRENT AND MAGNETISM	YES	YES	YES	YES	YES	YES	YES	YES
	14	ELECTROMAGNETIC INDUCTION & ALTERNATING CURRENTS	YES	YES	YES	YES	YES	YES	YES	YES
	15	ELECTROMAGNETIC WAVES	YES	YES	YES	YES	YES	YES	YES	YES
	16	OPTICS	YES	YES	YES	YES	YES	YES	YES	YES
	17	DUAL NATURE OF MATTER AND RADIATION	YES	YES	YES	YES	YES	YES	YES	YES
	18	ATOMS AND NUCLEI	YES	YES	YES	YES	YES	YES	YES	YES
	19	ELECTRONIC DEVICES	YES	YES	YES	YES	YES	YES	YES	YES
	20	COMMUNICATION SYSTEMS	YES	YES	YES	YES	YES	YES	YES	YES

CHEMISTRY	S#	TOPIC NAME	NCERT	JEE MAIN	CBSE	RBSE	BSEB	MP BOARD	UP BOARD	ISC
	1	BASIC CONCEPTS OF CHEMISTRY	YES	YES	YES	YES	YES	YES	YES	YES
	2	STRUCTURE OF ATOM	YES	YES	YES	YES	YES	YES	YES	YES
	3	CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES	YES	YES	YES	YES	YES	YES	YES	YES
	4	CHEMICAL BONDING AND MOLECULAR STRUCTURE	YES	YES	YES	YES	YES	YES	YES	YES
	5	STATE OF MATTER : GASES AND LIQUIDS	YES	YES	YES	YES	YES	YES	YES	YES
	6	THERMODYNAMICS	YES	YES	YES	YES	YES	YES	YES	YES
	7	EQUILIBRIUM	YES	YES	YES	YES	YES	YES	YES	YES
	8	REDOX REACTIONS	YES	YES	YES	YES	YES	YES	YES	YES
	9	HYDROGEN	YES	YES	YES	YES	YES	YES	YES	YES
	10	S-BLOCK ELEMNTS (ALKALI AND ALKALINE EARTH METALS)	YES	YES	YES	YES	YES	YES	YES	YES
	11	SOME P-BLOCK ELEMENTS	YES	YES	YES	YES	YES	YES	YES	YES
	12	ORGANIC CHEMISTRY - SOME BASIC PRINCIPLES AND TECHNIQUES	YES	YES	YES	YES	YES	YES	YES	YES
	13	HYDROCARBONS	YES	YES	YES	YES	YES	YES	YES	YES
	14	ENVIRONMENTAL CHEMISTRY	YES	YES	YES	YES	YES	YES	YES	YES
	15	SOLID STATE	YES	YES	YES	YES	YES	YES	YES	YES
	16	SOLUTIONS	YES	YES	YES	YES	YES	YES	YES	YES
	17	ELECTROCHEMISTRY	YES	YES	YES	YES	YES	YES	YES	YES
	18	CHEMICAL KINETICS	YES	YES	YES	YES	YES	YES	YES	YES
	19	SURFACE CHEMISTRY	YES	YES	YES	YES	YES	YES	YES	YES
	20	P-BLOCK ELEMENTS	YES	YES	YES	YES	YES	YES	YES	YES
	21	D AND F BLOCK ELEMENTS	YES	YES	YES	YES	YES	YES	YES	YES
	22	COORDINATION COMPOUNDS	YES	YES	YES	YES	YES	YES	YES	YES
	23	HALOALKANES AND HALOARENES	YES	YES	YES	YES	YES	YES	YES	YES
	24	ALCOHOLS, PHENOLS AND ETHERS	YES	YES	YES	YES	YES	YES	YES	YES
	25	ALDEHYDES, KETONES AND CARBOXYLIC ACIDS	YES	YES	YES	YES	YES	YES	YES	YES
	26	ORGANIC COMPOUNDS CONTAINING NITROGEN	YES	YES	YES	YES	YES	YES	YES	YES
	27	BIOMOLECULES	YES	YES	YES	YES	YES	YES	YES	YES
	28	POLYMERS	YES	YES	YES	YES	YES	YES	YES	YES
29	CHEMISTRY IN EVERYDAY LIFE	YES	YES	YES	YES	YES	YES	YES	YES	

MATHEMATICS	S#	TOPIC NAME	NCERT	JEE MAIN	CBSE	RBSE	BSEB	MP BOARD	UP BOARD	ISC
	1	SETS	YES	YES	YES	YES	YES	YES	YES	YES
	2	RELATIONS AND FUNCTIONS	YES	YES	YES	YES	YES	YES	YES	YES
	3	TRIGONOMETRIC FUNCTIONS	YES	YES	YES	YES	YES	YES	YES	YES
	4	PRINCIPLE OF MATHEMATICS INDUCTION	YES	YES	YES	YES	YES	YES	YES	YES
	5	COMPLEX NUMBERS AND QUADRATIC EQUATIONS	YES	YES	YES	YES	YES	YES	YES	YES
	6	LINEAR INEQUALITIES	YES	YES	YES	YES	YES	YES	YES	YES
	7	PERMUTATIONS AND COMBINATIONS	YES	YES	YES	YES	YES	YES	YES	YES
	8	BINOMIAL THEOREM	YES	YES	YES	YES	YES	YES	YES	YES
	9	SEQUENCE AND SERIES	YES	YES	YES	YES	YES	YES	YES	YES
	10	STRAIGHT LINES	YES	YES	YES	YES	YES	YES	YES	YES
	11	CONIC SECTIONS	YES	YES	YES	YES	YES	YES	YES	YES
	12	INTRODUCTION TO 3 D GEOMETRY	YES	YES	YES	YES	YES	YES	YES	YES
	13	LIMITS AND DERIVATIVES	YES	YES	YES	YES	YES	YES	YES	YES
	14	MATHEMATICAL REASONING	YES	YES	YES	YES	YES	YES	YES	YES
	15	STATISTICS	YES	YES	YES	YES	YES	YES	YES	YES
	16	PROBABILITY	YES	YES	YES	YES	YES	YES	YES	YES
	17	RELATIONS AND FUNCTIONS	YES	YES	YES	YES	YES	YES	YES	YES
	18	INVERSE TRIGONOMETRIC FUNCTIONS	YES	YES	YES	YES	YES	YES	YES	YES
	19	MATRICES	YES	YES	YES	YES	YES	YES	YES	YES
	20	DETERMINANTS	YES	YES	YES	YES	YES	YES	YES	YES
	21	CONTINUITY AND DIFFERENTIABILITY	YES	YES	YES	YES	YES	YES	YES	YES
	22	APPLICATIONS OF DERIVATIVES	YES	YES	YES	YES	YES	YES	YES	YES
	23	INTEGRALS	YES	YES	YES	YES	YES	YES	YES	YES
	24	APPLICATIONS OF THE INTEGRALS	YES	YES	YES	YES	YES	YES	YES	YES
	25	DIFFERENTIAL EQUATIONS	YES	YES	YES	YES	YES	YES	YES	YES
	26	VECTORS	YES	YES	YES	YES	YES	YES	YES	YES
	27	3 D GEOMETRY	YES	YES	YES	YES	YES	YES	YES	YES
	28	LINEAR PROGRAMMING	YES	YES	YES	YES	YES	YES	YES	YES
29	PROBABILITY	YES	YES	YES	YES	YES	YES	YES	YES	