

## MHT 2018 Syllabus for Physics (New Syllabus)

S.No.	Class XII Syllabus	Class XI Syllabus
1	Circular Motion	Force
2	Rotational Motion	Measurements
3	Oscillations	Friction in Solids and Liquids
4	Gravitation	Scalars and Vectors
5	Elasticity	Ray Optics
6	Electrostatics	Refraction of Light
7	Wave Motion	Magnetic Effect of Electric Current
8	Magnetism	Magnetism
9	Surface Tension	
10	Wave Theory of Light	
11	Stationary Waves	
12	Kinetic Theory of Gases and Radiation	
13	Interference and Diffraction	
14	Current Electricity	
15	Magnetic Effects of Electric Current	
16	Electromagnetic Inductions	
17	Electrons and Photons	
18	Atoms, Molecules and Nuclei	
19	Semiconductors	
20	Communication Systems	

## MHT Syllabus 2018 for Chemistry

S.No.	Class XII Syllabus	Class XI Syllabus
1	Solid State	States of Matter: Gases and Liquids
2	Chemical Thermodynamics and Energetic	Some Basic Concepts of Chemistry
3	Electro-chemistry	Surface Chemistry
4	General Principles and Processes of Isolation	Redox Reactions
5	Solutions and Colligative Properties	Nature of Chemical Bond
6	Elements	Hydrogen
7	p-Block elements Group 15 elements	s-Block Elements (Alkali and Alkaline Earth Metals)
8	d and f Block Elements d-Block Elements	Basic Principles and Techniques in Organic Chemistry
9	Chemical Kinetics	Alkanes
10	Coordination Compounds	
11	Halogen Derivatives of Alkanes (and arenes)	
12	Aldehydes, Ketones and Carboxylic Acids	
13	Organic Compounds containing Nitrogen	
14	Alcohols, Phenols and Ether Alcohol	
15	Polymers	
16	Chemistry in Everyday Life	
17	Biomolecules Carbohydrates	

<b>MHT 2018 Syllabus for Mathematics</b>		
<b>S.No.</b>	<b>Class XII Syllabus</b>	<b>Class XI Syllabus</b>
1	Mathematical Logic Statements	Trigonometric Functions of Compound Angles
2	Matrices	Factorization Formulae
3	Pair of Straight Lines	Trigonometric Functions
4	Circle	Straight Line
5	Line	Circle and Conics
6	Conics	Sets, Relations and Functions
7	Trigonometric Functions	Sequences & Series
8	Vectors	Probability
9	Three Dimensional Geometry	
10	Plane	
11	Linear Programming Problems	
12	Continuity	
13	Applications of Derivative	
14	Integration	
15	Differentiation	
16	Applications of Definite Integral	
17	Differential Equation	
18	Probability Distribution	
19	Statistics	
20	Bernoulli Trials and Binomial Distribution	

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