

**BOARD CLASS 12 PHYSICS HOME ASSIGNMENT BOOKLET 1****CLASS XII Syllabus of PHYSICS (For Board Exam Preparation)**

<b>Unit No</b>	<b>Chapter</b>
UNIT 1	Electric Charges and Field
UNIT 2	Electrostatic Potential and Capacitance
<b>UNIT TEST 1:</b> Electric charge and Field, Electrostatic Potential, Capacitor	
UNIT 3	Current Electricity
<b>UNIT TEST 2:</b> Current Electricity	
UNIT 4	Moving Charges and Magnetism
UNIT 5	Magnetism and Matter
<b>UNIT TEST 3:</b> Moving Charge and Magnetism, Magnetism and Matter	
UNIT 6	Electromagnetic Induction
UNIT 7	Alternating Current
UNIT 8	Electromagnetic Wave
<b>UNIT TEST 4:</b> Electromagnetic induction, Alternating Current, Electromagnetic Wave	
UNIT 9	Ray Optics
UNIT 10	Wave Optics
<b>UNIT TEST 5:</b> Ray Optics, Wave optics	
UNIT 11	Dual Nature of Radiation and Matter
UNIT 12	Atoms
UNIT 13	Nuclei
UNIT 14	Electronics Devices
UNIT 15	Communication System *
<b>UNIT TEST 6:</b> Dual Nature of Matter and Radiation, Atoms and Nuclei, Semiconductor and Electronic Devices [Transistor & Digital Electronics are excluded from CBSE Syllabus], Communication System [Excluded from CBSE Syllabus]	
<b>MOCK TEST 1:</b> Full Syllabus	

Name of the student: .....

Class: ..... Ph No: ..... / .....

Address: .....

School: .....

**BOARD CLASS 12 MATHEMATICS HOME ASSIGNMENT BOOKLET 1****CLASS XII Syllabus of MATHEMATICS (For Board Exam Preparation)**

Unit No	Chapter
Unit 1	Matrices
Unit 2	Determinants
Unit 3	Inverse Trigonometric Functions
Unit 4	Relations and Functions
<b>UNIT TEST 1: Matrices and Determinants, Inverse trigonometric function, Relations and Functions</b>	
Unit 5A	Continuity, Differentiability
Unit 5B	1 <sup>st</sup> Order Differentiation
Unit 5C	2 <sup>nd</sup> Order Differentiation
Unit 6A	Applications of derivatives: Significance
Unit 6B	Applications of derivatives: Maxima Minima
Unit 6C	Applications of derivatives: Tangent & Normal
<b>UNIT TEST 2: Continuity, Differentiability and Differentiation, Applications of derivatives</b>	
Unit 7	Indefinite Integral Calculus
Unit 8	Definite Integral Calculus
<b>UNIT TEST 3: Integral Calculus [Definite and Indefinite Integration]</b>	
Unit 9	Application of Integration
Unit 10	Differential Equations
<b>UNIT TEST 4: Application of Integration, Differential Equations</b>	
Unit 11	Three Dimensional Geometry
Unit 12	Linear Programming
<b>UNIT TEST 5: Three Dimensional Geometry, Linear Programming</b>	
Unit 13	Vector Algebra
Unit 14	Probability
<b>UNIT TEST 6: Vector Algebra, Probability</b>	
<b>MOCK TEST 1: Full Syllabus</b>	

Name of the student: .....

Class: ..... Ph No: ..... / .....

Address: .....

School: .....

**BOARD CLASS 12 CHEMISTRY HOME ASSIGNMENT BOOKLET 1****CLASS XII Syllabus of CHEMISTRY (For Board Exam Preparation)**

Unit No	Chapter
Unit 1	Solid state*
Unit 2	Solutions
Unit 3	Electrochemistry
<b>UNIT TEST 1:</b> Solid state [Excluded from CBSE Syllabus], Solutions, Electrochemistry	
Unit 4	Chemical Kinetics
Unit 5	Surface Chemistry
Unit 6	General principles and processes of isolation of elements
<b>UNIT TEST 2:</b> Chemical Kinetics, Surface Chemistry, General principles and processes of isolation of elements	
Unit 7	p-Block elements
Unit 8	d and f Block elements
Unit 9	Coordination Compounds
<b>UNIT TEST 3:</b> p-Block elements (Group 15, 16, 17 & 18 elements) [Group 15 is excluded from CBSE Syllabus], d and f Block elements, Coordination Compounds	
Unit 10	Haloalkanes and Haloarenes
Unit 11	Alcohols, Phenols and Ethers
	<b>UNIT TEST 4:</b> Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers
Unit 12	Aldehydes, ketones and carboxylic acids
Unit 13	Amines
<b>UNIT TEST 5:</b> Aldehydes, ketones and carboxylic acids, Organic compounds containing Nitrogen (Amines)	
Unit 14	Bio molecules
Unit 15	Polymers
Unit 16	Chemistry in Everyday life
<b>UNIT TEST 6:</b> Bio molecules, Polymers, Chemistry in Everyday life	
<b>MOCK TEST 1:</b> Full Syllabus	

Name of the student: .....

Class: ..... Ph No: ..... /.....

Address: .....

School: .....

**BOARD CLASS 12 BIOLOGY HOME ASSIGNMENT BOOKLET 1****CLASS XII Syllabus of BIOLOGY (For Board Exam Preparation)**

<b>Unit No</b>	<b>Chapter</b>
Unit 1	Reproduction in organisms
Unit 2	Sexual reproduction in flowering plants
Unit 3	Human Reproduction
Unit 4	Reproductive health
<b>UNIT TEST 1:</b> Reproduction in organisms, Sexual reproduction in flowering plants, Human Reproduction, Reproductive health	
Unit 5	Heredity and variation
Unit 6	Molecular basis of Inheritance
Unit 7	Evolution
<b>UNIT TEST 2:</b> Genetics and Evolution: Heredity and variation, Molecular basis of Inheritance, Evolution	
Unit 8	Human Health and Diseases
Unit 9	Strategies for Enhancement in Food Production
Unit 10	Microbes in Human Welfare
<b>UNIT TEST 3:</b> Biology and Human Welfare: Human Health and Diseases, Strategies for Enhancement in Food Production, Microbes in Human Welfare	
Unit 11	Biotechnology - Principles and processes
Unit 12	Biotechnology and its Application
<b>UNIT TEST 4:</b> Biotechnology - Principles and processes, Biotechnology and its Application	
Unit 13	Organisms and Populations
Unit 14	Ecosystem
Unit 15	Biodiversity and its conservation
Unit 16	Environmental issues
<b>UNIT TEST 5:</b> Ecology and environment: Organisms and environment, Ecosystem, Biodiversity and its conservation, Environmental issues	
<b>MOCK TEST 1:</b> Full Syllabus	

Name of the student: .....

Class: ..... Ph No: ..... / .....

Address: .....

School: .....