

BOARD CLASS 11 PHYSICS HOME ASSIGNMENT BOOKLET 1

CLASS XI Syllabus of PHYSICS (For Board Exam Preparation)

Unit No	Chapter
UNIT 1	Physical World and Unit & Dimension
UNIT 2	Motion in a Straight Line
UNIT 3	Motion in a Plane
UNIT TEST 1: Unit and Measurement, Motion in a straight line, Motion in a plane	
UNIT 4	Laws of Motion
UNIT 5	Work Power and Energy
UNIT TEST 2: Laws of Motion, Friction, Work, Power and Energy	
UNIT 6	System of Particles & Rotational Motion
UNIT 7	Gravitation
UNIT TEST 3: Rotational Motion and System of particles, Gravitation	
UNIT 8	Mechanical Properties of Solid
UNIT 9	Mechanical Properties of Fluids
UNIT 10	Thermal Properties
UNIT TEST 4: Properties of Solid and Liquid, Thermal Properties of Matter	
UNIT 11	Thermodynamics
UNIT 12	Kinetic Theory of Gas
UNIT TEST 5: Thermodynamics, Kinetic Theory of Gas	
UNIT 13	Oscillations
UNIT 14	Wave
UNIT TEST 6: Oscillation, Wave Motion	
MOCK TEST 1: Full Syllabus	

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BOARD CLASS 11 CHEMISTRY HOME ASSIGNMENT BOOKLET 1

CLASS XI Syllabus of CHEMISTRY (For Board Exam Preparation)

Unit No	Chapter
Unit 1	Some basic concepts of Chemistry
Unit 2	Structure of Atom
UNIT TEST 1: Some basic concepts of Chemistry, Structure of Atom	
Unit 3	Classification of elements and periodicity in properties
Unit 4	Chemical Bonding and molecular structure
UNIT TEST 2: Classification of elements and periodicity in properties, Chemical Bonding and molecular structure	
Unit 5	States of matter – Gases and Liquids
Unit 6	Thermodynamics
UNIT TEST 3: States of matter – Gases and Liquids, Thermodynamics	
Unit 7	Chemical & Ionic Equilibrium
Unit 8	Redox reactions
UNIT TEST 4: Chemical equilibrium, Ionic equilibrium, Redox reactions	
Unit 9	Hydrogen
Unit 10	s-Block elements
Unit 11	Some p-block elements
UNIT TEST 5: Hydrogen, s-Block elements (Alkali and alkaline earth metals), Some p-block elements (Group 13 & Group 14 elements)	
Unit 12	Organic Chemistry- Some Basic Principles and Techniques
Unit 13	Hydrocarbons
Unit 14	Environmental Chemistry
UNIT TEST 6: Organic Chemistry- Some Basic Principles and Techniques, Hydrocarbons, Environmental Chemistry	
MOCK TEST 1: Full Syllabus	

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BOARD CLASS 11 BIOLOGY HOME ASSIGNMENT BOOKLET 1

CLASS XI Syllabus of BIOLOGY (For Board Exam Preparation)

Unit No	Chapter
Unit 1	The Living World
Unit 2	Biological Classification
Unit 3	Plant Kingdom
Unit 4	Animal Kingdom
UNIT TEST 1: The Living World, Biological Classification, Plant Kingdom, Animal Kingdom	
Unit 5	Morphology of Flowering Plants
Unit 6	Anatomy of Flowering Plants
Unit 7	Structural Organisation in Animals
UNIT TEST 2: Morphology of Flowering Plants, Anatomy of Flowering Plants, Structural Organisation in Animals	
Unit 8	Cell-The Unit of Life
Unit 9	Biomolecules
Unit 10	Cell Cycle and Cell Division
UNIT TEST 3: Cell-The Unit of Life, Bio molecules, Cell Cycle and Cell Division	
Unit 11	Transport in plants
Unit 12	Mineral nutrition
Unit 13	Photosynthesis
Unit 14	Respiration
Unit 15	Plant growth and development
UNIT TEST 4: Plant Physiology: Transport in plants, Mineral nutrition, Photosynthesis, Respiration, Plant growth and development	
Unit 16	Digestion and absorption
Unit 17	Breathing and Respiration
Unit 18	Body fluids and circulation
Unit 19	Excretory products and their elimination
Unit 20	Locomotion and Movement
Unit 21	Neural control and coordination
Unit 22	Chemical coordination and regulation
UNIT TEST 5: Human Physiology: Digestion and absorption, Breathing and Respiration, Body fluids and circulation, Excretory products and their elimination, Locomotion and Movement, Neural control and coordination, Chemical coordination and regulation	
MOCK TEST 1: Full Syllabus	

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BOARD CLASS 11 MATHEMATICS HOME ASSIGNMENT BOOKLET 1

CLASS XI Syllabus of MATHEMATICS (For Board Exam Preparation)

Unit No	Chapter
Unit 1A	Trigonometry: Ratio & Identities
Unit 1B	Trigonometry: Multiple & Sub multiple angle
Unit 1C	Trigonometry: General Solution
Unit 1D	Trigonometry: Properties of Triangle
Unit 2	Sets
Unit 3	Relation and Functions
UNIT TEST 1: Trigonometry, Sets, Relation and Functions	
Unit 4A	Quadratic Equation
Unit 4B	Complex Number
Unit 5	Linear Inequalities
Unit 6	Mathematical Induction
UNIT TEST 2: Quadratic Equation, Linear Inequalities, Complex Number, Mathematical Induction	
Unit 7	Permutation and Combination
Unit 8	Binomial Theorem and its Application
UNIT TEST 3: Permutation and Combination, Binomial Theorem and its Application	
Unit 9	Sequence and Series
Unit 10	Co-ordinate Geometry: Straight lines
UNIT TEST 4: Sequence and Series, Co-ordinate Geometry, Straight lines	
Unit 11A	Co-ordinate Geometry: Circles
Unit 11B	Co-ordinate Geometry: Parabola
Unit 11C	Co-ordinate Geometry: Hyperbola
Unit 11D	Co-ordinate Geometry: Ellipse
UNIT TEST 5: Circles, Conic sections	
Unit 12A	Limit
Unit 12B	Differentiation
Unit 13	Statistic
Unit 14	Probability Basic
Unit 15	Mathematical Reasoning
UNIT TEST 6: Limit and Differentiation, Statistic, Probability Basic	
MOCK TEST 1: Full Syllabus	

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Address:

School: