

# Hillman Public School , Agra

## CLASS - XI

### SYLLABUS OF Business Studies

<b>UNIT</b>	<b>MONTH</b>
<b>Evolution and Fundamentals of Business</b>	<b>April</b>
<b>Forms of Business Organisations</b>	<b>May</b>
<b>Private, Public and global Enterprises Business Services Emerging Modes of Business</b>	<b>July</b>
<b>Social Responsibilities of Business Ethics Sources of Business Finance</b>	<b>October</b>
<b>Small Business and Enterprises Internal Trade</b>	<b>November</b>
<b>International Business</b>	<b>December</b>

### SYLLABUS OF ECONOMICS

<b>UNIT</b>	<b>MONTH</b>
<b>Micro economics- unit 1 Introduction</b> <b>Statistics for Economics</b> <b>Unit 1 Introduction</b> <b>1.Economics an introduction</b> <b>2.Meaning scope and importance of statistics.</b>	<b>April</b>
<b>Micro economics- unit 2 Consumers equilibrium</b> <b>1. Consumers equilibrium</b> <b>2. Demand</b> <b>3. Elasticity of demand</b> <b>Statistics for Economics</b> <b>1. Collection of data</b> <b>2. Organization of data</b> <b>Tabular presentation</b>	<b>May</b>
<b>Micro economics- unit 3 Producers equilibrium</b> <b>1. Production function</b> <b>2. Cost</b> <b>3. Revenue</b> <b>4. Producer equilibrium</b> <b>Statistics for Economics</b> <b>1. Diagrammatic presentation</b> <b>2. Graphic presentation</b> <b>3. Measurement of central tendency (mean)</b>	<b>October</b>

<b>Micro economics- unit 3 and 4</b> 1. Supply Unit 4. Forms of market <b>Statistics for Economics</b> 1. Measurement of central tendency (median,mode)	<b>December</b>
<b>Micro economics- unit 4</b> Market Equilibrium <b>Statistics for Economics</b> Measurement of Dispersion	<b>January</b>
<b>Statistics for Economics</b> Measurement of Correlation Index numbers	<b>Till 31<sup>st</sup> January</b>

## **SYLLABUS OF ACCOUNTANCY**

<b>UNIT</b>	<b>MONTH</b>
<b>Introduction to Accounting, Basic Accounting Terms, Accounting Standards and GST, Bases of Accounting, Accounting Equation.</b>	<b>April –May</b>
<b>Accounting Procedures, Origin of Transactions, Journal, Ledger, Cash Book, Other Books, Bank Reconciliation Statement.</b>	<b>July- August</b>
<b>Trial Balance, Depreciation, Provisions &amp; Resereves.</b>	<b>Sept.- Oct.</b>
<b>Accounting for Bills of Exchange, Rectification of Errors, Financial Statements of Sole Proprietorship, Adjustments in prepration of Financial Statements.</b>	<b>Nov.–Dec.</b>
<b>Single Entry System.</b>	<b>Jan.</b>

## **SYLLABUS OF BIOLOGY**

<b>UNIT</b>	<b>MONTH</b>
<b>Ch1 :- The living world</b>	<b>April</b>
<b>CH 2:- Biological classification</b> <b>Ch3:- Plant kingdom</b>	<b>May</b>
<b>Ch4:- Animal kingdom</b> <b>Ch5:- Morphology of Flowering plants</b>	<b>July</b>
<b>CH6:- Anatomy of Flowering plant</b> <b>Ch7:- Structural organization in animals</b>	<b>August</b>
<b>Ch8:- Cell the unit of life</b>	<b>September</b>

<b>Ch9:- Biomolecules</b>	
<b>Ch10:- Cell cycle and Cell division</b> <b>Ch11:- Transport in plants</b> <b>Ch12:- Mineral Nutrition</b>	<b>October</b>
<b>Ch13:- Photosynthesis in higher plants</b> <b>Ch14:- Respiration in plants</b> <b>Ch15:- Plants- Growth and Development</b>	<b>November</b>
<b>Ch16:- Digestion and Absorption</b> <b>Ch17:- Breathing and Exchange of gases</b> <b>Ch18:- Body Fluids and circulation</b>	<b>December</b>
<b>Ch19:- Excretory products and their Elimination</b> <b>Ch20:- Locomotion and Movement</b> <b>Ch21:- Neural control and coordination</b> <b>Ch22:- Chemical Coordination and Integration</b>	<b>January - February</b>

## **SYLLABUS OF CHEMISTRY**

<b>UNIT</b>	<b>TITLE AND MONTH</b>	<b>MARKS</b>
<b>I</b>	<b>Basic Concepts of Chemistry (APRIL)</b>	<b>11</b>
<b>II</b>	<b>Structure of Atom (MAY)</b>	
<b>III</b>	<b>Classification of Elements &amp; Periodicity in Properties (JULY)</b>	<b>04</b>
<b>IV</b>	<b>Chemical Bonding and Molecular Structure (JULY)</b>	<b>21</b>
<b>V</b>	<b>States of Matter: Gases and Liquids (AUGUST)</b>	
<b>VI</b>	<b>Thermodynamics (SEPTEMBER)</b>	
<b>VII</b>	<b>Equilibrium (SEPTEMBER)</b>	

<b>VIII</b>	<b>Redox Reactions (OCTOBER)</b>	<b>16</b>
<b>IX</b>	<b>Hydrogen (OCTOBER)</b>	
<b>X</b>	<b>s-Block Elements (NOVEMBER)</b>	
<b>XI</b>	<b>Some p-Block Elements (NOVEMBER)</b>	
<b>XII</b>	<b>Organic Chemistry: Basic Principles &amp; Techniques (DECEMBER)</b>	<b>18</b>
<b>XIII</b>	<b>Hydrocarbons (DECEMBER)</b>	
<b>XIV</b>	<b>Environmental Chemistry ( MID OF JANUARY)</b>	
	<b>Total</b>	
		<b>70</b>

## **SYLLABUS OF PHYSICAL EDUCATION**

<b>UNIT</b>	<b>MONTH</b>
<b>Ch-1</b> changing trends and careen in physical education <b>Ch-2</b> Olympic movement <b>Ch-3</b> Physical fitness, wellness and lifestyle <b>Ch-4</b> Physical education and sports	<b>April - May</b>
<b>Ch-5</b> Yoga <b>Ch-6</b> Physical Activity and leadership training <b>Ch-7</b> Test , measurement and evaluation	<b>July - August</b>
<b>Ch-9</b> Kinesiology, biomechanics and sport <b>Ch-10</b> Psychology and sports <b>Ch-11</b> Training in sports <b>Ch-12</b> Doping	<b>September - October</b>

### **Practical**

Athletics , Judo , Bedminton , Table tennis , Taekwondo , Volleyball , Yoga , Kho-Kho , Basketball , Kabaddi

# SYLLABUS OF PHYSICS

Unit No	Unit/ Chapter Name	Month
<b>Unit-I</b>	<b>Physical World and Measurement</b>	
	Chapter-1: Physical World	<b>May</b>
	Chapter-2: Units and Measurements	
<b>Unit-II</b>	<b>Kinematics</b>	
	Chapter-3: Motion in a Straight Line	<b>July</b>
	Chapter-4: Motion in a Plane	
<b>Unit-III</b>	<b>Laws of Motion</b>	
	Chapter-5: Laws of Motion	<b>July</b>
<b>Unit-IV</b>	<b>Work, Energy and Power</b>	
	Chapter-6: Work, Energy and Power	<b>July</b>
<b>Unit-V</b>	<b>Motion of System of Particles and Rigid Body</b>	
	Chapter-7: System of Particles and Rotational Motion	<b>Till 20 October</b>
<b>Unit-VI</b>	<b>Gravitation</b>	
	Chapter-8: Gravitation	
		<b>Till 20 October</b>
<b>Unit-VII</b>	<b>Properties of Bulk Matter</b>	
	Chapter-9: Mechanical Properties of Solids	
	Chapter-10: Mechanical Properties of Fluids	<b>Till 20 October</b>
<b>Unit-VIII</b>	<b>Thermodynamics</b>	
	Chapter-11: Thermal Properties of Matter	<b>November</b>
	Chapter-12 Thermodynamics	
<b>Unit-IX</b>	<b>Behaviour of Perfect Gases and Kinetic Theory of Gases</b>	
	Chapter-13: Kinetic Theory	<b>November</b>
<b>Unit-X</b>	<b>Mechanical waves</b>	
	Chapter-14: Oscillations and waves	<b>December</b>

# SYLLABUS OF MATHEMATICS

UNIT	MONTH
Sets	April
Linear Inequalities	May
Mathematical Induction Trigonometric Function Relation and Function	July
Complex number and Quadratic Equations Permutation and Combination Binomial Theorem	August

<b>Sequence and Series</b>	<b>September</b>
<b>Straight Line 3 D</b>	<b>October</b>
<b>Conic Section Linear Programming Reasoning</b>	<b>November</b>
<b>Statistics , Probability Limit and Derivatives</b>	<b>December</b>

**NOTE : TWO Project Work and 12 Activities**

## **SYLLABUS OF ENGLISH**

<b>HORNBILL</b>	<b>POETRY</b>	<b>READING SECTION</b>	<b>SNAPSHOTS</b>	<b>GRAMMAR</b>
<b>The Portrait of a lady</b>	<b>A Photograph</b>	<b>Comprehension</b>	<b>The Summer of the beautiful White horse</b>	<b>Tenses</b>
<b>“We’re not afraid to die...”</b>	<b>The Laburnam top</b>	<b>Advertisement , Notice</b>	<b>The address</b>	
<b>Discovering Tut</b>		<b>Letter (Application for Job )</b>		

<b>HORNBILL</b>	<b>POETRY</b>	<b>READING SECTION</b>	<b>SNAPSHOTS</b>	<b>GRAMMAR</b>
<b>Landscape of the Soul</b>	<b>The voice of the rain</b>	<b>Note making</b>	<b>Ranga’s Marriage</b>	<b>Modals</b>
<b>The ailing planet</b>		<b>Speech</b>	<b>Albert Einstein at School</b>	
		<b>Article</b>	<b>Mother’s Day</b>	

<b>HORNBILL</b>	<b>POETRY</b>	<b>READING SECTION</b>	<b>SNAPSHOTS</b>	<b>GRAMMAR</b>
<b>The Browning Version</b>	<b>Childhood</b>	<b>Debate</b>	<b>The Birth</b>	<b>Determiners</b>
<b>The Adventures</b>	<b>Father to Son</b>	<b>Poster</b>	<b>The tale of Melon City</b>	<b>Clauses</b>
<b>Silk Road</b>		<b>Report Writing</b>		