

ENGLISH

UNIT NO. & LESSON	LEARNING OBJECTIVE	ACTIVITY
APRIL		
<p>(Hornbill) A Photograph The Portrait of a Lady (Writing) Notice Note Making (Snapshot) The Address</p>	<p>Developing points into an article. To be able to write notices. To learn the art of note-making.</p>	<ul style="list-style-type: none"> Interview of Khushwant Singh speaking about his grandmother about her impact on his life. A documentary will be shown on the partition of India to help students understand the pain that one goes through when separated from everything one's own. Appreciation of women, motherly figures. Story of people after war.
<p>Reference Book/ Web link : http://www.poets.org/poetsorg/poet/t-s-eliot</p>		
MAY		
<p>(Hornbill) The Voice of the Rain (Novel) The Canterville Ghost (Ch.1) (Writing) Article Writing (Snapshot) The Summer of the Beautiful White Horse</p>	<p>To enjoy and appreciate nature's beauty through the poem To enjoy a story on family values To learn the art of article writing</p>	<p>Activity:</p> <ul style="list-style-type: none"> The movie Canterville Ghost will be shown (25 Mins.) A narrative of the poem will be played. Appreciation of natural beauty Story of honesty and principles Write notices
<p>Reference Book/ Web link : http://www.poets.org/poetsorg/poet/t-s-eliot</p>		
JULY		
<p>(Hornbill) We Are Not Afraid To Die If We are Together (Novel) (Ch.2) The Canterville Ghost (Writing) Poster, Advertisement (Snapshot) Albert Einstein</p>	<p>To appreciate a story of trust faith and courage To learn lessons from Albert Einstein's life To learn to design posters and ads</p>	<p>Activity:</p> <ul style="list-style-type: none"> A documentary will be shown on Albert Einstein. A PPT will be shown on Multiple Intelligence. Story of courage and trust Lesson from life history Design posters and ads.
<p>Reference Book/ Web link : http://en.wikipedia.org/wiki/Dhumaketu</p>		

AUGUST

(Hornbill) Discovering Tut (Novel) The Canterville Ghost (Ch.3) (Writing) Letter (Enquiry/Editor/Placing Order) Report (Newspaper/Magazine) (Snapshot) Ranga's Marriage	To enhance knowledge on mummification To learn to respect relationships To learn the art of reporting writing	Activity: <ul style="list-style-type: none">• Howard Carter's interview on his experience with Tut's mummy.• Story of a legacy• Story of the age-old institution of marriage• Write reports
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Reference Book/ Web link:<http://www.examrace.com/Sample-Objective-Questions/Aptitude-Questions/Aptitude-Data->

SEPTEMBER

REVISION

Reference Book/ Web link :<http://www.youtube.com/watch?v=EIJmOkVFGdI>

OCTOBER

(Hornbill) Childhood (Novel) The Canterville Ghost (Ch.4) (Writing) Factual Description (Snapshot)	Rediscover childhood Enjoy a ghost story To get answers to lost childhood To enjoy reading a ghost story	Describing facts in detail
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Reference Book/ Web link : <http://www.bifroest.demon.co.uk/misc/homophones-list.html>

NOVEMBER

(Hornbill) Father to Son The Ailing Planet (Novel) The Canterville Ghost (Ch.5) (Writing) Invitation & Replies	Poem depicting father-son relationship Environment Awareness To try and find answers to a father's questions Creating awareness about the different issues related to Planet earth To enjoy reading a ghost story To learn the art of replying invitations.	Activity: <ul style="list-style-type: none">• The film 'Wallee' will be shown. It shows a world devoid of a natural environment.• The poem 'Father to Son' will be recorded in the teacher's voice and played. The students will be asked to follow suit. Replying letters
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Reference Book/ Web link : <http://www.youtube.com/watch?v=5EYNIOFjHU4>
http://www.youtube.com/watch?v=bpgKEe8_g6o

DECEMBER

<p>(Novel) The Canterville Ghost (Ch.6) (Writing) Letters (Complaints/Job Application) (Snapshot) Mother's Day Birth</p>	<p>To enjoy reading a ghost story To learn the art of replying to job advertisements and writing letters of complaint</p>	<p>Activity:</p> <ul style="list-style-type: none">• A documentary/PPT will be shown on 'Women Power'.• A documentary on doctors who will be depicted as 'saviours'.
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Reference Book/ Web link : <http://www.poets.org/poet.php/prmPID/292>
<http://www.youtube.com/watch?v=nVNxUcJJoSE>

JANUARY

<p>(Hornbill) The Tale of the Melon City (Novel) The Canterville Ghost (Ch.7) (Writing) Debate Speech</p>	<p>To identify satiric situations in an otherwise simple poem To enjoy reading a ghost story To learn the art of writing debate and speech</p>	<p>Activity: The Movie 'Hirak Rajar Deshe' will be shown. Satiric poetry Ghost story Writing debate and speech</p>
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Reference Book/ Web link : <http://www.youtube.com/watch?v=l8q30E7-eNc>

FEBRUARY

REVISION

MATHS

UNITNO. & LESSON

LEARNING OBJECTIVE

KEY CONCEPT /VALUE POINT

APRIL

Chapter -1

Sets

Chapter 2

Relations and Functions

- To understand the Concept of a set, Representation of Sets, Set Relation, Venn diagrams
- Problem solving using sets
- How to connect pair of objects from two sets and then introduce relation between two objects of the pair

Sets and their representations, The empty set, Finite and Infinite set, equal sets, subsets, power sets, universal sets , venn diagram, operation on sets, complement of sets . Union and Intersection Sets.

Cartesian product of Sets. Relations and Functions.

Reference Book/ Web link : <https://www.mathsisfun.com/sets/sets-introduction.html>

MAY

Chapter – 3

Trigonometric Functions.

- Understand the concept of Unit circle approach in which, we use radian measure of an angle to define trigonometric functions of real numbers

Angles, Trigonometric Functions. Trigonometric functions of sum and difference of two angles . trigonometric equations

Reference Book/ Web link : <https://in.ixl.com/math/class-xi>

JULY

Chapter- 6

Linear inequalities

Chapter-4

Principle of mathematical Induction

- to solve (algebraically or graphically) linear inequalities in one Or two variables
- Induction, begins by observations, and from observation we arrive at some tentative conclusion called Conjectures, . the PMI helps in proving some of these conjectures which are true

Inequalities. Algebraic solutions of linear inequalities in one variable and their graphical representation . graphical solution of linear inequalities in two variables. Solution of system of linear inequalities in two variables .

Motivation. The principal of mathematical induction

Reference Book/ Web link: <https://www.learnnext.com/CBSE/Class-11/Maths/Linear-Inequalities/Introduction-to-Linear-Inequalities/L-1803675.htm>

AUGUST

Chapter-5

Complex numbers and quadratic equations

- how to extend the real number system to a larger system called complex number so that the solution of quadratic equations $ax^2 + bx + c = 0$ where a, b, c are real numbers are possible.

Complex numbers. Algebra of complex numbers. The modulus and the conjugate of a complex number. Argand plane and polar representations. Quadratic equations.

Chapter-7

Permutation and Combinations

- learn some basic technique useful in determining the number of different ways of arranging and selecting objects in a wide variety of situations

Fundamental principal of Counting. Permutations, Combinations

Chapter-9

Sequences and Series

- to understand the concept of Arithmetic mean (AM), Geometric Progression (GP) Geometric Mean (GM), relationship between AM and GM

Sequences. Series. Arithmetic progression (A.P). Geometric Progression (G.P). relationship between A.M and G.M. sum to n terms of Special Series

Reference Book/ Web link : <https://www.youtube.com/watch?v=CtxEtc6XRag>

SEPTEMBER

REVISION

OCTOBER

Chapter-13

Limits and Derivatives.

- to define the derivative of real function, give the geometrical and physical interpretation, study some algebra of Derivatives and will obtain derivatives of some algebraic and trigonometric functions

Intuitive Idea of derivatives. Limits. Limits of trigonometric Functions. Derivatives.

Chapter- 10

Straight lines

- How coordinate geometry deals with study of geometry by means of algebra

Slop of a line, various forms of the equation of a line. General Equation of a line. Distance of a point from a line

Chapter- 8

Binomial Theorem

- to expand any power of a binomial expression.

Binomial theorem for positive Integral Indices. General and middle Terms.

Reference Book/ Web link: <http://www.mathsisfun.com/algebra/binomial-theorem.html>

NOVEMBER

Conic sections. Ch -11

- derive the standard equations of parabola, ellipse, hyperbola and circle and their sample properties.

Sections of a cone. Circle. Parabola. Hyperbola. Ellipse.

Introduction to three-Dimensional Geometry. Ch-12

- analyse geometry in a plane – two dimensional and three-dimensional space.

Coordinate Axes and coordinate planes in three dimensional spaces. Coordinates of a point in space. Distance between two points. Section formula.

Reference Book/ Web link : <http://math2.org/math/algebra/conics.htm>

DECEMBER

Chapter 15

Statistics

to interpret the measure of central tendency , which give a rough idea , better.

Measures of Dispersion. Range. Mean deviation. Variance and standard deviation. Analysis of frequency Distributions.

Chapter 16

Probability

understand the concept of the theory of probability developed as a result of studies of games of chance or gambling

Random Experiments. Event. Axiomatic Approach to probability.

Reference Book/ Web link : <http://www.topperlearning.com/study/cbse/class-11-science/mathematics/chapter/probability/b101c3s3ch107>

JANUARY

Chapter 16

Mathematical reasoning

- to expose the logical tricks , understand many illogical patterns of reasoning, which are quite effective for detecting bad argumentation

Statements. New statements from old. Special words/ phrases Implications. validating statements

Reference Book/ Web link : <https://www.youtube.com/watch?v=SOxeHyXI3vA>

ACCOUNTANCY

UNIT NO. & LESSON	LEARNING OBJECTIVE	KEY CONCEPT /VALUE POINT
APRIL		
<p>DOUBLE ENTRY BOOKKEEPING: CH-1 Introduction to Accounting</p> <p>CH-2 Basic Accounting Terms</p> <p>CH-3 Theory Base of Accounting, Accounting Standards, IFRS</p> <p>CH-4 Basis of Accounting</p>	<ul style="list-style-type: none"> • Understand the concept of accounting and differentiate it from Book keeping & Accountancy • Understand the various terms which will be used in Accounting • Sensitize the students about the various Standards to be followed while preparing Accounting Statements • Understand the different basis on which accounts are prepared 	<p>Accounting: Meaning, attributes, Process, Objectives, Functions, Advantages, Limitations, Book keeping, Accounting & Accountancy. Accounting Information, Users of Accounting Information, Systems of Accounting.</p> <p>Assets, Liabilities, Capital, Expenses, Revenue, Sales, Purchases</p> <p>Accounting Principles , fundamental accounting assumptions, Accounting Standards, IFRS,</p> <p>Cash Basis of accounting, Accrual Basis of Accounting</p>

Reference Book/ Web link : <http://www.investopedia.com/university/accounting/>

MAY

<p>DOUBLE ENTRY BOOKKEEPING: CH-5 Accounting Equation</p> <p>CH-6 Accounting Procedures- Rules of Debit & Credit</p> <p>CH-7 Origin of Vouchers- Source Documents & Preparation of Vouchers</p> <p>CH-8 Journal & ledger</p>	<p>Develop an understanding of effects of transactions on Accounting Equation</p> <p>Application of rules of Debit & Credit in the books of accounts</p> <p>identify the method of preparing source documents</p> <p>understand the method of recording the transactions in book of Original entry and posting them into ledger</p>	<p>Accounting Equation: Meaning, effects of transactions on it, rules of preparing Accounting Equation</p> <p>Rules of Nominal, Real & Personal Accounts</p> <p>Source Documents, Meaning of a voucher, types of vouchers and its preparation</p> <p>Journal: Characteristics, Steps, total and carry Forward, Recording in Journal, Simple & compound entries, Opening Entry, Ledger, Mechanics of posting, Balancing of Accounts, Trail Balance</p>
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JULY

<p>DOUBLE ENTRY BOOKKEEPING: CH-9 Special Purpose Books I – Cash Book</p> <p>CH-10 Special Purpose Books II – other Book</p> <p>CH-11 Bank Reconciliation Statement</p>	<ul style="list-style-type: none"> • Comprehend the methods of preparing Cash book Under various conditions • Identify how complete records can be maintained under Double Entry System without preparing Journal through Subsidiary Books • Categorize the reasons of difference between cash book and Pass book and use BRS to rectify them 	<p>Subsidiary Books: Advantages. Single column cash book, Double Column Cash book, triple Column Cash book, Petty Cash Book: Imprest system, Analytical Petty Cash Book.</p> <p>Purchase Book, sales Book, Purchase Return Book, Sales Return Book, Journal Proper</p> <p>Bank reconciliation Statement: meaning, need, importance. Reasons of difference between cash book and Pass Book, Methods of preparing BRS.</p>
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Reference Book/ Web link : <http://www.careerride.com/bank-reconciliation.aspx>

AUGUST

<p>DOUBLE ENTRY BOOKKEEPING: CH-12 Trail Balance</p> <p>CH-13 Depreciation</p> <p>CH-14 Provisions & Reserves</p>	<ul style="list-style-type: none"> • Develop an understanding of methods of preparing statement of balances. • Understand the need for charging depreciation and various methods to charge it. • Clarify the difference between Provisions & Reserves 	<p>Trial Balance: Meaning, Characteristics, Objectives, Preparation of trail Balance using Total method and Balance method</p> <p>Depreciation: meaning, characteristics, causes, concept, need or objectives, basis. Methods of charging depreciation: Written Down value method, Straight line method</p> <p>Provisions: Concept, Objective & importance. Reserves: meaning, Importance, types, difference between provisions and reserves</p>
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Reference Book/ Web link : <http://accounting-simplified.com/financial/fixed-assets/depreciation-methods/types.html>

SEPTEMBER

REVISION

OCTOBER

<p>CH-19 Accounts from incomplete records- single entry system</p>	<p>Develop an understanding of recording transactions under single entry system and differentiate it from double entry</p>	<p>Single entry system: meaning, features, advantages, disadvantages. Difference between Double entry & single entry system, net worth method</p>
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NOVEMBER

DOUBLE ENTRY BOOKKEEPING: CH-20

Financial Statements of Not- for- profit organizations

CH-21

Computers in Accounting

CH-22

Tally

- Differentiate between the financial statements of NPO & business
- Understand the method to maintain record for NPOs

- Sensitize students about technology enabled management systems

- Identify steps while using computerized accounting Software, Tally

Not-for-profit organization: meaning, features, receipts and payment account, Income and Expenditure Account, Balance Sheet, Fund Based Accounting, Accounting treatment

Computer System: Information System, Designing accounting report, Automation of Accounting Process, Comparison Between manual and computerized accounting system

Tally: Introduction, Salient features, setup & installation, Company creation, Group Creation, voucher entry journal voucher

Reference Book/ Web link : <http://www.softwaresuggest.com/accounting-software>

DECEMBER

DOUBLE ENTRY BOOKKEEPING: CH-15

Accounting for bills of Exchange

CH-16

Rectification of errors

CH-17

Financial Statement of Sole Proprietor

- Sensitize students about an important instrument of trade credit & understand the methods for accounting them.
- Identify the various errors and methods to rectify each type of error
- Develop an understanding of methods of preparing Financial statements and calculation of results of business activities

Bills of Exchange: Meaning, Features, Parties involved, types, advantages. Accounting of Bills of Exchange

Classification of errors, steps to locate errors, rectification of errors before & after the preparation of trial

Financial Statements: Meaning, Objectives, Users, Final Accounts, Income Statement: Trading Account, P&L Account, Marshalling of Assets & Liabilities, Method of presentation of Financial Statements

Reference Book/ Web link : <https://www.youtube.com/watch?v=XGnMT7206wo>

JANUARY

DOUBLE ENTRY BOOKKEEPING: CH-18

Adjustments in the preparation of Financial Statements

Understand the various adjustments to align the books of accounts with accounting period assumption

Need for adjustments, Adjustments: Closing Stock, , Outstanding expenses, Prepaid Expenses, Accrued Income, income received in advance, Depreciation, Bad debts, Provision for doubtful debts, Provision for discount on debtors.

Reference Book/ Web link : <http://www.slideshare.net/mikearmentzs/f3-financial-accounting-lectures-14>

ECONOMICS

UNITNO. & LESSON	LEARNING OBJECTIVE	KEY CONCEPT /VALUE POINT
APRIL		
<p>Part A: Statistics for Economics Unit -1 & 2</p> <p>Part B: Indian Economic Development</p> <p>Unit IV: Development Experience (1947-90) and Economic Reforms since 1991</p>	<p>(Unit I & Unit 2) Understand the concept of Economics and appreciate the economic & social importance of economics. Able to Distinguish between various forms of data. Students are able to know how to organize data.</p> <p>(Unit IV-) Understand the concept of Indian Economy and appreciate the economic & social importance of economics.</p>	<p>Unit II: Collection of data - sources of data - primary and secondary; how basic data is collected; methods of collecting data; secondary data: Census of India and National Sample Survey Organization.</p> <p>A brief introduction of the state of Indian economy on the eve of independence. Common goals of Five Year Plans.</p> <p>Unit I : Introduction What is Economics? Meaning, scope and importance of statistics in Economics</p>

Reference Book/ Web link : *Statistics for Economics, Class XI, NCERT2. Indian Economic Development, Class XI, NCERT*

MAY

<p>Part A: Statistics for Economics Unit -2 Presentation of Data:</p> <p>Unit IV: Development Experience (1947-90) and Economic Reforms since 1991</p>	<p>Develop an understanding of the Organization of Data and Presentation of Data different forms.</p> <p>Develop an understanding of the problems and policies of agriculture and appreciate the changing role new agricultural strategy, etc.), industry and foreign trade.</p>	<p>Organisation of Data: Meaning and types of variables; Frequency Distribution.</p> <p>Presentation of Data: Tabular Presentation and Diagrammatic Presentation of Data: (i) Geometric forms (bar and pie diagrams), (ii) Frequency diagrams (iii) Arithmetic line graphs</p> <p>Main features, problems and policies of agriculture (new agricultural strategy, etc.), industry (industrial licensing, etc.) and foreign trade.</p>
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Reference Book/ Web link : *Statistics for Economics, Class XI, NCERT2. Indian Economic Development, Class XI, NCERT*

JULY

Part A: Statistics for Economics

Unit -3 Statistical Tools and Interpretation, Measures of Central Tendency

Unit IV: Development Experience (1947-90) and Economic Reforms since 1991

To know various methods of mean (simple and weighted), median and mode

To know Economic Reforms since 1991, Importance and nature- liberalization, globalization and privatization

Unit 3: Statistical Tools and Interpretation, Measures of Central Tendency - mean (simple and weighted), median and mode

Economic Reforms since 1991:

Need and main features - liberalization, globalization and privatization; An appraisal of LPG policies

Reference Book/ Web link : [Indian Economic Development, Class XI, NCERT](#)

AUGUST

Part A: Statistics for Economics

Unit -III Measures of Dispersion

Unit V: Current challenges facing Indian Economy
Poverty -

To know various methods of Measures of Dispersion and to know how to calculate with the help of various methods.

Understand the concept of poverty in India.

Measures of Dispersion - absolute dispersion; relative dispersion; Lorenz Curve: Meaning and its application.

Poverty - absolute and relative; Main programmes for poverty alleviation: A critical assessment

Reference Book/ Web link : <http://www.extramarks.com/cbse-class-11/economics-measures-of-dispersion>

SEPTEMBER

REVISION

OCTOBER

Part A: Statistics for Economics

Unit -III
Correlation

Unit V: Current challenges facing Indian Economy:
Rural development

Human Capital Formation

To know various methods of Correlation.

Develop an understanding on the importance of Rural development in an Indian Economy.

Develop an understanding on the importance of human capital in economic development

Correlation - meaning, scatter diagram; Measures of correlation - Karl Pearson's method, Spearman's rank correlation.

Rural development: Key issues - credit and marketing - role of cooperatives; agricultural diversification;

Human Capital Formation: How people become resource; Role of human capital in economic development; Growth of Education Sector in India

Reference Book/ Web link : [Statistics for Economics, Class XI, NCERT 2. Indian Economic Development, Class XI, NCERT](#)

NOVEMBER

Part A: Statistics for Economics

Unit -III

Introduction to Index Numbers

Unit V: Current challenges facing Indian Economy:

> **Employment**

> **Inflation**

> **Infrastructure:**

> Sustainable Economic Development:

Develop the understanding of various methods used to know the different types of index numbers.

Understand the concept of employment, Inflation Infrastructure and other issues in an Indian economy.

Introduction to Index

Numbers - meaning, types - wholesale price index, consumer price index

Employment: Formal and informal, growth and other issues: Problems and policies.

Inflation: Problems and Policies

Infrastructure: Meaning and Types: Case Studies: Energy and Health: Problems and Policies-

Sustainable Economic Development: Meaning, Effects of Economic Development on Resources and Environment, including global warming.

Reference Book/ Web link : *Statistics for Economics, Class XI, NCERT2. Indian Economic Development, Class XI, NCERT*

DECEMBER

Part A: Statistics for Economics

Unit -III

Introduction to Index Numbers

Unit VI: Development Experience of India

Develop an understanding on the importance of small Business in Indian Economy

To do a comparative study with neighbors
India and Pakistan
India and China

Introduction to Index

Numbers - index of industrial production, uses of index numbers; Inflation and index numbers

A comparison with neighbors
India and Pakistan
India and China
Issues: growth, population, sectoral development and other developmental indicators.

BUSINESS STUDIES

UNITNO. & LESSON	LEARNING OBJECTIVE	KEY CONCEPT /VALUE POINT
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APRIL

<p>FOUNDATION OF BUSINESS (Part A): CH-1 Nature and purpose of business</p> <p>CH-7 Sources of business finance</p>	<p>Understand the concept of business and appreciate the economic & social objectives of business</p> <p>Able to distinguish between Owners Fund & Borrowed Fund</p> <p>Develop Ability to choose best sources of Finance</p>	<p>Economic activities, Business: concept, characteristics, objectives. Comparison of business with profession and employment, classification of business activities, industry, commerce, trade, business risks</p> <p>Equity & Preference shares, Retained earnings, Debentures/Bonds, Loans from Financial Institutions , Loans from Commercial Banks, Public Deposit, Trade Credit, Inter corporate deposit, international sources of finance</p>
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Reference Book/ Web link : <http://www.slideshare.net/ldestination/nature-and-purpose-of-business-15664947>

MAY

<p>FOUNDATION OF BUSINESS (Part A): CH-2 Forms of business organisation</p> <p>CH-6 Social Responsibility & business Ethics</p> <p>CH-9 Internal Trade</p>	<p>Able to Distinguish between various forms of business organizations</p> <p>Explain the factors affecting choice of form of organisation</p> <p>Sensitize students about the responsibility of business towards society & environment</p> <p>Appreciate role of ethics in business</p> <p>Understand the role of intermediaries in business & appreciate their services to producers</p>	<p>Sole proprietorship, Partnership: types & registration of firm, Hindu undivided family, cooperative society, Company: types and formation, choice of business organisation</p> <p>Social Responsibility: Concept & Case. Responsibility towards different interest groups, Business & environment Protection, Business Ethics</p> <p>Wholesale Trade, Retail Trade, Departmental Stores, Chain Stores, Mail Order Business, Automatic Vending Machines, Role of CCI, Main documents of Internal Trade</p>
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Reference Book/ Web link : <http://www.kcsourcelink.com/learning-center/starting-a-business/register-and-license-your-business/forms-of-business-organization>

JULY

FOUNDATION OF BUSINESS (Part A):
CH-3

Public, Private & Global enterprises

Develop an understanding of the public & Global enterprises and appreciate the changing role of public sector enterprises

Private & public enterprises, forms of public sector enterprises, Changing role of public sector, Global Enterprises, joint Ventures, Private Public Partnership (PPP)

CH-4

Business Services

Appreciate the importance of different services provided by the bank to business

Banking, insurance: Life, Marine and Fire, postal & telecom Services

Understand the utility of Insurance & Postal Services

Reference Book/ Web link : <http://www.theglobeandmail.com/opinion/public-private-partnerships-key-to-global-development-challenges/article15345848/>

AUGUST

FOUNDATION OF BUSINESS (Part A):
CH-5

Emerging Modes of Business

Identify the factors necessary to implement e- business successfully.
Examine the scope of Business Process Outsourcing & Knowledge Process Outsourcing.

e-business , security & safety of Business Transactions , outsourcing: meaning , Nature BPO, KPO, Smart Cards and ATMs- meaning & utility

Reference Book/ Web link : <http://www.slideshare.net/gautamrathrocks/emerging-modes-of-business>

SEPTEMBER

REVISION

OCTOBER

FINANCE AND TRADE (Part B):

CH-8

Small Business

Develop an understanding on the importance of small Business in Indian Economy

Small Business: Concept, role in India, Problems.
Government schemes & agencies

Reference Book/ Web link : <http://www.entrepreneur.com/slideshow/269905>

NOVEMBER

FINANCE AND TRADE (Part B):

CH-10

International Business

Able to distinguish between internal & external Trade, Develop the understanding of various documents used in international trade

International Trade: Nature & Importance, Export Trade, Import Trade, Documents used in international Trade, WTO

Reference Book/ Web link : <http://kalyan-city.blogspot.in/2011/09/what-is-international-business-meaning.html>

DECEMBER-FEBRUARY

REVISION

PHYSICAL EDUCATION

UNIT NO.AND LESSON	LEARNING OBJECTIVE	ACTIVITY
APRIL		
<p><u>Ch-1</u> Changing trends & career in physical education</p> <p><u>Ch-2</u> Physical fitness, wellness and lifestyle</p>	<ul style="list-style-type: none"> • Meaning and relevance of physical education • Able to identify and choose physical education career • Differentiate between integrated and adaptive physical education. • Will be able to know the importance of physical fitness • Awareness about health threats and preventive measures to threats • Positive component of lifestyle to practically apply. 	<p style="text-align: center;"><u>Athletics</u></p> <ul style="list-style-type: none"> • Track and field measurement. • Skills of the event
MAY		
<p><u>Ch-3</u> Olympic movement</p> <p><u>Ch-4</u> Yoga</p>	<ul style="list-style-type: none"> • Enhance knowledge about Olympic games • Identify Olympic motto and its meaning • Awards of the Olympic • Learn the meaning and importance of yoga • Learn the role of yoga in preventing diseases. 	<p style="text-align: center;"><u>Swimming</u></p> <ul style="list-style-type: none"> • Introduction • Shapes of swimming pools. • Strokes
JULY		
<p><u>Ch-5</u> <u>Doping</u></p>	<ul style="list-style-type: none"> • Identify and learn the responsibilities of an athlete as an individual and for the society. • Different tests in competition • Adverse effects of prohibited substances on health 	<p style="text-align: center;"><u>Table tennis</u></p> <ul style="list-style-type: none"> • History of the game. • Introduction of the match.
AUGUST		
<p><u>Ch-6</u> <u>Physical activity environment</u></p> <p><u>Ch-7</u> <u>Test and measurement</u></p>	<ul style="list-style-type: none"> • Know about essential elements of positive sports environment • Behaviour change technique through physical activity. • Exercise guidelines at different stages of growth. • Importance of different tests and measurements in sports • Meaning importance and calculation of B.M.I • Differentiate and identify different body types. 	<p style="text-align: center;"><u>Table tennis</u></p> <ul style="list-style-type: none"> ❖ Training of the skills.

SEPTEMBER

REVISION

NOVEMBER

Ch-8 Fundamentals of anatomy and physiology

Ch-9 Bio-mechanics and sports

- ❖ Functionality of skeleton system and muscles.
- ❖ Function, importance and role of circulation system
- ❖ Circulation and effect of blood during rest and exercise.

- ❖ Laws of motion and its applicability in sports
- ❖ Levers types and its applicability in sports
- ❖ Equilibrium and force with its applicability

Badminton

- History of the game.
- Court measurement.
- Introduction of match.

DECEMBER

Ch-10 Psychology and sports

Ch-11 Training in sports

- ❖ Know about different stages of development
- ❖ Awareness and Managing techniques of adolescent problems
- ❖ Techniques of learning and transferring learning in sports.

- ❖ Importance of sports training
- ❖ Techniques and importance of warming up and cooling down
- ❖ Concepts and techniques of load, recovery and adaptation for sports.
- ❖ Different skills, techniques and style relevant for sports.

Badminton

- Training of the skills.

INFORMATIC PRACTICES

UNITNO. & LESSON KEY CONCEPTS	LEARNING OBJECTIVE	PRACTICAL
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APRIL

<p>Ch-1 Hardware Concepts Functioning of Computer Types of Computer I/O and Memory Devices E-Waste Disposal</p> <p>Ch-2 Software Concepts Types of Software Security System Firewall</p> <p>Chapter-3 Getting Started with Programming using IDE Java Byte code, JVM and characteristics of JAVA</p>	<ul style="list-style-type: none"> • To explain functional components of Computer • To define types of computer • To identify I/O and Memory Devices • To explain process of e-waste disposal and its benefits • To draw and explain flow chart of software • To understand to importance of security system • To explain JAVA as programming as well as platform for other application. • To define Java Byte code, JVM and characteristics of JAVA 	<p style="text-align: center; font-size: 1.2em;">Making simple Java programs</p>
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Reference Book/web link: <http://www.computerhope.com/issues/ch000039.htm> , : <http://www.javatpoint.com/java-programs>

MAY

<p>Chapter-4 Programming Fundamental Keywords, Literals Identifiers, Operator, Separators Operators in Java</p>	<ul style="list-style-type: none"> • To define Keywords, Literals Identifiers, Operator, Separators • To make programs using operators- Arithmetic, Increment/Decrement, Relational, Logical, Assignments operators 	<p style="text-align: center; font-size: 1.2em;">Making programs using operators- Arithmetic, Increment/Decrement, Relational, Logical, Assignments operators</p>
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Reference Book/web link: : <http://www.javatpoint.com/java-programs>

JULY

<p>Chapter-5 Flow of Control Selection Statements- The IF statement of JAVA The Switch Statement The While loop Nested Loop Comparison of Loops</p> <p>Chapter-6 Java IDE Programming-I Classes and Object</p>	<ul style="list-style-type: none"> • To make program using- The IF statement of JAVA The Switch Statement The While loop Nested Loop • To make different programs using Loops • To define class and Objects • To define class in the program • To define types of members in a class 	<p style="text-align: center; font-size: 1.2em;">Making programs using- The IF statement of JAVA The Switch Statement The While loop Nested Loop</p>
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Reference Book/web link: : <http://www.javatpoint.com/java-programs>

DECEMBER

Chapter-14 Table Creation & Data Manipulation Commands Creating database Creating table Alter table	To Create database To Create table To Alter table	Creating database Creating table Alter table
Chapter-15 IT Application E-Governance- Objective, Challenges Major E-Governance Projects in India Societal Impact	To know E-Governance- Objective, Challenges To explain Major E-Governance Projects in India To explain Societal Impact of E-Governance	
E-Business- Types Challenges Major E- Business Projects in India Societal Impact	To know E-Business-Types, Challenges To explain Major E- Business Projects in India To explain Societal Impact of E-Business	
E-Learning- Benefits, Limit and advantages	To tell benefits, limit and advantages of E-Learning	

Reference Book/web link: <http://the-social-impacts.blogspot.in/>

JANUARY-FEBRUARY

PROJECT WORK