



ASANSOL NORTH POINT SCHOOL

Affiliated to C.B.S.E, New Delhi, Affiliation No- 2430153

Higher Secondary School, C.B.S.E [10 + 2]

(Run & Managed By Parbati Educational Society)

Our School is associated with:



CLASS XII COMMERCE (2022-2023)

MONTH WISE SYLLABUS SPLIT UP & ACTIVITIES/ ASSESSMENTS

SUBJECT: ENGLISH CORE (301)

Name of the Books

1. FLAMINGO- ENGLISH READER FOR CLASS XII CORE COURSE (NCERT)
2. VISTAS- SUPPLEMENTARY READER IN ENGLISH FOR CLASS XII CORE COURSE (NCERT)
3. ALL IN ONE ENGLISH CORE FOR CLASS XII (ARIHANT PUBLICATION)

SL NO.	CHAPTERS	MONTH
1.	<p>CH:1 THE LAST LESSON (ENG READER-FLAMINGO)</p> <p><u>LEARNING OUTCOMES:</u> Students will Acquire the ability to listen and understand, and should be able to employ non-verbal clues to make connections and draw inferences</p> <p>They will learn how patriotism also means love for one's language and other aspects of culture. Never to take one's freedom of expression for granted- a historical perspective & understand that language is a key to prison.</p>	APRIL
2.	<p>CH:1 MY MOTHER AT SIXTY SIX (POEM-ENG READER FLAMINGO)</p> <p><u>LEARNING OUTCOMES:</u> Students will be able to read the poem with proper expressions, pauses and voice modulation.</p> <p>They will be able to employ her/his communicative skills, with a range of styles, and engage in a discussion in an analytical and creative manner.</p>	APRIL

	They will understand the pain and agony of separation from loved ones.	
3.	CH:1 THE THIRD LEVEL (ENG SUPPLEMENTARY READER VISTAS) <u>LEARNING OUTCOMES:</u> They will develop communicative skill. Students will know the theme of escapism.	APRIL
4.	WRITING SKILL:- NOTICE WRITING, ARTICLE WRITING , EDITORIAL LETTERS <u>LEARNING OUTCOMES:</u> Students will be able to use the formats learnt when writing notices, articles & Editorial Letters. They will learn to divide work into paragraphs and make a smooth transition from the introduction to the conclusion.	MAY
5.	READING SKILL:- READING PASSAGES <u>LEARNING OUTCOMES:</u> Students will get to know about Reading Skill They will develop Reading Skill They will develop the habit of Reading for information and pleasure Read critically and develop the confidence to ask and answer questions.	MAY
6.	CH:2 LOST SPRING (ENG READER-FLAMINGO) <u>LEARNING OUTCOMES:</u> Students will be able to read silently with comprehension and to identify the complexity of ideas in an argumentative text ; and relate learning with personal. They will learn the complications of class exploitations and the trials and sufferings of the poor. They will Understand the miserable plight of street children forced into labor early in life Understand that they are denied the opportunity to go to school.	MAY
7.	WRITING SKILL: FORMAL & INFORMAL INVITATIONS & REPLIES <u>LEARNING OUTCOMES:</u> Students will get to know the format of Formal and Informal Invitation and Replies	JUNE
8.	CH:2 THE TIGER KING (ENG SUPPLEMENTARY READER-VISTAS) <u>LEARNING OUTCOMES:</u> Students will understand, enjoy and appreciate a wide range of text (different genres)	JUNE

	<p>They will understand the use of literary devices to make the story humorous and interesting.</p> <p>They will also able to understand that there is a need of a new system for the age of ecology ie. a system which is embedded in the care of all people and also in the care of the Earth and all life upon it.</p>	
9.	<p>CH: 3 KEEPING QUIET(ENGLISH READER FLAMINGO)</p> <p><u>LEARNING OUTCOMES:</u></p> <p>Students will be able to understand the subjective responses to the language of poetry, appreciate the images and symbols, understand the critical appreciation of the poem based on rhyme, content, theme, genre and literary elements</p> <p>They will understand that introspection makes us find our flaws and give us the opportunity to rectify them, will be able to think critically, and understand not to harm others.</p>	JUNE
10.	<p>WRITING SKILL- EDITORIAL LETTERS(REVISION)</p> <p><u>LEARNING OUTCOMES :</u></p> <p>Students will develop write ups with clarity, using appropriate vocabulary , relevant thoughts and presents with title and subtitles.</p> <p>The students will get to know about the format of Editorial letters</p>	JULY
11.	<p>CH:3. DEEP WATER (ENGLISH READER FLAMINGO)</p> <p><u>LEARNING OUTCOMES:</u></p> <p>Students will understand first person narrative style, understand phrases/catchy lines from the text</p> <p>They will understand that most challenging situations could be overcome with immense courage and determination.</p> <p>Will get to know the various types of water sports.& understand that there is terror only in the fear of death and at death there is peace</p>	JULY
12.	<p>CH:3 JOURNEY TO THE END OF THE EARTH (ENG SUPPLEMENTARY READER-VISTAS)</p> <p><u>LEARNING OUTCOMES:</u></p> <p>Students will learn the manner in which geological phenomena enable us to trace the history of mankind.</p>	JULY
13.	<p>CH: 4 THE ENEMY (ENG SUPPLEMENTARY READER-VISTAS)</p> <p><u>LEARNING OUTCOMES:</u></p> <p>Students will comprehend the chapter and to enhance their vocabulary.</p> <p>They will communicate their ideas with a lot of conviction</p> <p>They will inculcate values like care and concern, fulfilling duties, compassion, humaneness in war, responsibility, patriotism and equality.</p>	JULY
14	<p>15. WRITING SKILL- APPLICATION FOR JOB, REPORT WRITING</p> <p><u>LEARNING OUTCOMES:</u></p>	JULY

	Students will get to know the format of Job Application, and Report Writing.	
15	ASSESSMENT OF SPEAKING AND LISTENING SKILLS <u>LEARNING OUTCOMES:</u> Students will develop speaking and listening skills	JULY
16	CH: 4 THE RATTRAP (ENG READER FLAMINGO) <u>LEARNING OUTCOMES:</u> Students will become compassionate and help to develop a flair for reading different genres, understanding that everybody must get a chance to undo the wrong. They will understand different characters and to identify them in their vicinity learn new phrases and their usage think, analyze and observe understand not to be revengeful rather have a different approach to deal with the person and awaken him	AUG
17.	CH:5 SHOULD WIZARD HIT MOMMY (ENG SUPPLEMENTARY READER-VISTAS) <u>LEARNING OUTCOMES:</u> Students will communicate their ideas with a lot of conviction, appreciate the theme and the message conveyed. They will recognise the character traits, appreciate the fact that elders will realize that the children have their own identity, views and attitudes. They will get to know that the parents must respect and accept the ideas and opinions of their children. accept that we should honor, value and accept all creatures.	AUG
18.	READING SKILL:- READING COMPREHENSION PASSAGES(Revision) <u>LEARNING OUTCOMES:</u> The students will get to know about Reading Skill. They will develop the confidence to ask and answer questions	AUG
19.	CH:5 INDIGO (ENG READER FLAMINGO) <u>LEARNING OUTCOMES:</u> The students will understand the meanings of the quotations used in the lesson ii) to know the vocabulary used in legal procedures. The students will get acquainted with the legal vocabulary, they will understand the role of a leader to understand the importance of rights They will get to know the sufferings and contributions of freedom fighters to understand that freedom from fear is a prerequisite for justice	AUG
20.	CH:6 ON THE FACE OF IT (ENG SUPPLEMENTARY READER- VISTAS) <u>LEARNING OUTCOMES:</u> The students will analyze the situations and characters, they will express themselves effectively in the written form. They will communicate their ideas with a lot of conviction They will Understand the need to develop the right attitude towards the specially	AUG

	<p>challenged, the need to incorporate them into the social mainstream and also realize the true beauty that lies within a person and not in one's physical appearance.</p>	
21.	<p>CH:4 A THING OF BEAUTY (POEM-ENG READER FLAMINGO) <u>LEARNING OUTCOMES:</u> The students will understand the critical appreciation of the poem based on rhyme, content, theme, genre, literary elements & identify the figures of speech used in the poem & appreciate aesthetic writing</p> <p>Get an insight into the variety of characters in different hues, different situations and also to the follies of human nature.</p> <p>The students will learn to perceive beauty as a source of inspiration and joy, also learn to develop a taste for Greek Mythology</p> <p>They will understand that beauty dwells inside us and gives us happiness 3. to appreciate and admire the beauty of nature 4. to understand varied definitions of beauty</p>	AUG
22	<p>WRITING SKILL- FORMAL AND INFORMAL INVITATION AND REPLIES AND NOTICE WRITING (REVISION)) <u>LEARNING OUTCOMES:</u> Students will get to know the format of Formal and Informal Invitation and Replies, and Notice Writing.</p>	SEPT
23	<p>CH:6 POETS AND PANCAKES (ENG READER FLAMINGO) <u>LEARNING OUTCOMES:</u> Students will get to know about the caste system made the upper class people think themselves to be superior to others. They will develop speaking skill</p>	SEPT
24	<p>CH:5 A ROADSIDE STAND (POEM-ENG READER FLAMINGO) <u>LEARNING OUTCOMES:</u> Students will be able to read the poem with proper expressions, pauses and voice modulation , comprehend the poem.</p> <p>They will understand and find out the figures of speech in the poem</p> <p>The students will get to know about the life of people that they are deprived and mindlessly ignored by the city-bred people.</p>	SEPT
25	<p>READING SKILL <u>LEARNING OUTCOMES:</u> Students will get to know about Reading Skill They will develop Reading Skill</p>	OCT

	They will develop the habit of reading for information.	
26	<p>CH : 7 THE INTERVIEW (ENGLISH READER FLAMINGO)</p> <p><u>LEARNING OUTCOMES:</u> Students will be able to know that an interview can make a lasting impression. They will develop vocabulary and communicative skill.</p>	OCT
27	<p>CH:8 GOING PLACES (ENG READER FLAMINGO)</p> <p><u>LEARNING OUTCOMES:</u> Students will comprehend the text and to read between the lines</p> <p>Students will know the certain metaphorical expressions, to notice words used in an informal way and to understand that hard work is required to differentiate between unrealistic and realistic dreams.</p> <p>To get an insight into the life and works of the middle class caught in a web of mediocrity and the desire of youngones.dreaming to escape it. An objective study to assess the form and style of tackling issues of social discontent leading to an escapist mindset</p>	OCT
28	<p>CH:6 AUNT JENNIFER'S TIGERS (POEM ENG READER FLAMINGO)</p> <p><u>LEARNING OUTCOMES:</u> Students will understand the critical appreciation of the poem based on rhyme, content, theme, genre and literary elements , appreciate the beauty of language and understand the rhyme scheme iii) know about the poet and his work/genre earn about Feminist trend in literature, about the suppression of women in a male-dominated society.</p> <p>To empathize with the victims of male chauvinism, be prepared to face such oppressions boldly and to raise voice against domestic violence.</p>	NOV
29	<p>CH:8 MEMORIES OF CHILDHOOD (ENGLISH SUPPLEMENTARY READER VISTAS)</p> <p><u>LEARNING OUTCOMES</u> Students will have have profound and detailed understanding of the text, express the ideas of the passage orally and in writing Students will learn to appreciate one's stand against social and racial indiscrimination and support social justice,</p>	NOV
30	<p>WRITING SKILL- ARTICLE WRITING, FORMAL AND INFORMAL INVITATIONS (REVISION</p>	NOV

	LEARNING OUTCOMES: Students will be able to use the formats of Articles & Formal and Informal invitations & Replies	
31	ASSESSMENT OF SPEAKING AND LISTENING SKILLS LEARNING OUTCOMES: Students will develop speaking and listening skills	DEC
32	REVISION OF THE PREVIOUS CHAPTERS, WRITING SKILLS AND READING SKILLS	DEC

LIST OF ACTIVITIES & ASSESSMENTS
Class XII ENGLISH CORE: (22-23)

SL NO.	Details of Activity	Month	Marks
1.	What is the activity -- Writing Skill (Report Writing/ Review) How to do the activity (hints) --- The students are asked to write a report/ a review of a cultural program organized by our school. The amount collected from the sale of tickets is to be donated for the welfare of an old age home.(Word Limit :500 words) Note: Use A4 sheets of paper & insert it in a channel file. Materials required(hints) -- A4 Size Papers, Channel File, Blue Pen, Highlighter, Scale	APR- JUNE	10 marks
2.	What is the activity -- Writing Skill (Formal Invitation) How to do the activity (hints) --- The students are asked to design & draft a Formal Invitation: Card Form- (2) Topic 1: Marriage/ Wedding Ceremony Topic 2: School Annual Function Materials required(hints) -- Color Paper, Sketch Pens, Scale, Pencils, Highlighter	JULY-AUG	10 marks
3.	What is the activity -- Speaking and Listening Activity How to do the activity (hints) --- Speaking: Speak fluently and correctly with proper pronunciation, pause and intonation. Listen to audio and write the answers. Materials required(hints) -- Listening aids, papers.	SEP-NOV	10 marks

4.	<p>What is the activity-- Writing Skill: (ALS INTERVIEW/RESEARCH BASED PROJECT)</p> <p>How to do the activity (hints)--- The students are asked to take interviews & to prepare a detail Report & get ready in recorded for Viva.</p> <p>Materials required(hints)-- Charts, Interview Questionnaires, Write up of Podcast, Survey Reports</p>	DEC-FEB	10 marks
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Details of assessment

1.	<p><u>BENCHMARK TEST I :</u></p> <p>CH 1 (ENG READER FLAMINGO) CH 1 (POEM-ENG READER FLAMINGO) CH 1(ENG SUPPLEMENTARY READER- VISTAS) WRITING SKILL: NOTICE WRITING & EDITORIAL LETTERS READING SKILL(READING PASSAGES)</p>	MAY	40
2.	<p><u>BENCHMARK TEST II:</u></p> <p>CH 2 & 3 (ENG READER FLAMINGO) CH 3 & 4 (POEM-ENG READER FLAMINGO) CH 2 & 3 (ENG SUPPLEMENTARY READER VISTAS) WRITING SKILL- FORMAL & INFORMAL INVITATIONS & REPLIES, JOB APPLICATION</p>	JULY	40
3.	<p><u>MID TERM:</u></p> <p>CH 1,2,3,4 & 5 (ENG READER FLAMINGO) CH 1,3 & 4 (POEM:ENG READER FLAMINGO) CH 1,2,3,4 & 5 (ENG SUPPLEMENTARY READER VISTAS) WRITING SKILL-NOTICE WRITING FORMAL & INFORMAL INVITATION & REPLIES, EDITORIAL LETTERS, JOB APPLICATION, ARTICLE WRITING & REPORT WRITING READING SKILL- (READING PASSAGES)</p>	SEPT	80
4.	<p><u>BENCHMARK TEST III:</u></p> <p>CH: 6 (ENGLISH READER FLAMINGO) CH: 5 POEM: (ENGLISH READER FLAMINGO) CH: 8 (ENGLISH SUPPLEMENTARY READER VISTAS)</p>	NOV	40

	WRITING SKILL: NOTICE WRITING, ARTICLE WRITING & REPORT WRITING READING SKILL (READING PASSAGES)		
5.	PRE BOARD I: WHOLE SYLLABUS	DEC	80
6.	PRE BOARD II: WHOLE SYLLABUS	JAN	80

SUBJECT: ACCOUNTANCY

Name of the Books

1.Accounting for Partnership Firms- PartA Volume 1- By D. K. Goel
2.Financial Statement Analysis- Part B By D.K .Goel Including Project Work
3.Accounting for Non profit Organization and Company Accounts- Part A Volume II- By Dk Goel

SL NO.	Name of Chapter(s) / Topic(S)	MONTH
1.	<p>Accounting for Partnership Firms-Chapter1-Fundamentals</p> <p>Learning Outcomes</p> <p>After going through this Unit, the students will be able to</p> <ul style="list-style-type: none"> ● State the meaning of partnership, partnership firm and partnership deed. ● Describe the characteristic features of partnership and the contents of partnership deed. ● Discuss the significance of provision of Partnership Act in the absence of partnership deed. ● Differentiate between fixed and fluctuating capital, outline the process and develop the understanding and skill of preparation of Profit and Loss Appropriation Account. ● Develop the understanding and skill of preparation profit and loss appropriation account involving guarantee of profits. ● Develop the understanding and skill of making past adjustments. 	APRIL
2.	<p>Accounting for Partnership Firms- Chapter 2- Change in profit sharing ratio.</p> <p>Learning Outcomes</p> <p>After going through this Unit, the students will be able to</p>	MAY

	<ul style="list-style-type: none"> • State the meaning, nature and factors affecting goodwill Develop the understanding and skill of valuation of goodwill using different methods. • State the meaning of sacrificing ratio, gaining ratio and the change in profit sharing ratio among existing partners. • Develop the understanding of accounting treatment of revaluation assets and re- assessment of liabilities and treatment of reserves and accumulated profits by preparing revaluation account and balance sheet. • Explain the effect of change in profit sharing ratio on admission of a new partner. 	
3.	Accounting for Partnership Firms- Chapter 3- Admission of a Partner	JUNE
4.	<p>Accounting for Partnership Firms- Chapter 3- Continued .</p> <p>Learning Outcomes</p> <p>After going through this Unit, the students will be able to</p> <ul style="list-style-type: none"> • State the meaning of sacrificing ratio, gaining ratio and the change in profit sharing ratio among existing partners. • Develop the understanding of accounting treatment of revaluation assets and re- assessment of liabilities and treatment of reserves and accumulated profits by preparing revaluation account and balance sheet. • Explain the effect of change in profit sharing ratio on admission of a new partner. • Develop the understanding and skill of treatment of goodwill as per AS-26, Treatment of revaluation of assets and re-assessment of liabilities, treatment of reserves and accumulated profits, • Students will be able to prepare old partners capital accounts and new partner capital account and preparation of balance sheet of new partnership firm. Adjustment of capital accounts and preparation of balance sheet of the new firm. Students will be able to adjust the capital of all the partners on the basis of new partners capital and existing firm Correlating with prior knowledge of the students • Discussion on items to be recorded in partners capital account and balance sheet Calculation of new cash balance Treatment of premium for goodwill in partners capital accounts. Adjustment of capital accounts on the basis of new as well as old partners. Involving students to solve the problem. 	JULY
5.	<p>Accounting for Partnership Firms- Chapter 4- Retirement and Death of a Partner</p> <p>Learning Outcomes</p> <p>After going through this Unit, the students will be able to</p> <ul style="list-style-type: none"> • Explain the effect of retirement / death of a partner on change in profit sharing ratio. 	JULY

	<ul style="list-style-type: none"> • Develop the understanding of accounting treatment of goodwill, revaluation of assets and re-assessment of liabilities and adjustment of accumulated profits and reserves on retirement / death of a partner and capital adjustment. • Develop the skill of calculation of deceased partner's share till the time of his death and prepare deceased partner's executor's account. • Discuss the preparation of the capital accounts of the remaining partners and the balance sheet of the firm after retirement / death of a partner. 	
6.	<p>Accounting for Partnership Firms- Chapter 5- Dissolution of Partnership firm. Learning Outcomes After going through this Unit, the students will be able to</p> <ul style="list-style-type: none"> • Understand the situations under which a partnership firm can be dissolved. • Develop the understanding of preparation of realization account and other related accounts. • Students can prepare the necessary journal entries at the time of dissolution. • Student can understand the difference between revaluation account and realization account 	AUGUST
7.	<p>PART-B Analysis of Financial Statements Chapter 1- Analysis of Financial Statements . Learning Outcomes After going through this Unit, the students will be able to</p> <ul style="list-style-type: none"> • Develop the understanding of major headings and subheadings 	SEPTEMBER
8.	<p>Chapter 2- Ratio Analysis. Learning Outcomes After going through this Unit, the students will be able to</p> <ul style="list-style-type: none"> • Develop the understanding of computation of current ratio and quick ratio. • Develop the skill of computation of debt equity ratio, total asset to debt ratio, proprietary ratio and interest coverage ratio. • Develop the skill of computation of inventory turnover ratio, trade receivables and trade payables ratio and working capital turnover ratio. 	SEPTEMBER

	<ul style="list-style-type: none"> Develop the skill of computation of gross profit ratio, operating ratio, operating profit ratio, net profit ratio and return on investment 	
9.	<p>Chapter 3- Cash Flow Statement- Learning Outcomes</p> <p>After going through this Unit, the students will be able to</p> <ul style="list-style-type: none"> After going through this Unit, the students will be able to: State the meaning and objectives of cash flow statement. Develop the understanding of preparation of Cash Flow Statement using indirect method as per AS 3 with given adjustments. Discussion on concept of cash flow statement. Preparation of format of cash flow (as per AS 3 (Revised) (Indirect Method only) Preparation of cash flow statement and accounting treatment of various adjustments relating to depreciation and amortization, profit or loss on sale of assets includes investments, dividend (both final and interim) and tax. 	OCT / NOV
10.	<p>PART- A Volume II Chapter 1- Company Accounting For Share Capital (Issue and Forfeiture of Shares.)</p> <p>Learning Outcomes</p> <p>After going through this Unit, the students will be able to</p> <ul style="list-style-type: none"> State the meaning of share and share capital and differentiate between equity shares and preference shares and different types of share capital. Understand the meaning of private placement of shares and Employee Stock Option Plan. Explain the accounting treatment of share capital transactions regarding issue of shares. Describe the presentation of share capital in the balance sheet of the company as per schedule III part I of the Companies Act 2013. Develop the understanding of accounting treatment of forfeiture and re-issue of forfeited shares. Students will be able to pass journal entries at the time of forfeiture and reissue of shares. Students will be able to prepare the balance sheet after forfeiture of shares. Discussion regarding factors leading to forfeiture of shares and journal entries required at the time of forfeiture of shares. Discussion on minimum value of shares on which reissue can be done and journal entries required at the time of reissue of shares. 	DEC
11.	<p>Chapter 2- Issue of Debentures</p> <p>Learning Outcomes</p>	DEC

	<p style="text-align: center;">After going through this Unit, the students will be able to</p> <ul style="list-style-type: none"> ● State the meaning of redemption of debentures. ● Develop the understanding of accounting treatment of transactions related to redemption of debentures by lump sum, draw of lots and Creation of Debenture Redemption Reserve. ● Explanation of different sources available to business by which we can arrange finance for redemption of debenture. ● Discussion on rules regarding the creation of debenture redemption reserve and debenture redemption investment account. 	
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Details of Practicals: ACCOUNTANCY (XII)

SL NO.	TOPICS	MONTH
1.	Practice of Ratio Analysis and Cash Flow Statement- Practical Exam	Jan

LIST OF ACTIVITIES & ASSESSMENTS

Class XII : Accountancy (22-23)

SL NO.	Details of Activity	Month	Marks
1.	.MCQ Based Quiz on Accounting. Students need to prepare themselves thoroughly for winning this activity.	JUN	10
2.	Students will make a Power point presentation to show how a person can increase his/ her immunity to sustain in this Pandemic Environment.	AUG	10
3.	Project on Financial Statement Analysis on Accounting Ratios and Cash Flow Statement on segment Analysis.	OCT	10
4.	Workshop on choosing Commerce as a Career Oriented Growth Program using different Life Skills.	JAN	10

Details of Assessments Syllabus		Month	Marks
1	Benchmark Test I Chapter 1.Fundamentals of Partnership	MAY	40
2.	Benchmark Test II	JUL	40

	Chapter 1. Fundamentals of Partnership Chapter 2. Change in Profit sharing ratio Chapter 3. Admission till syllabus covered.		
3.	Half Yearly ExamPart A- Vol-1 Full Book on Partnership. Part B- chapter 1 and chapter 2(Financial Statements Analysis).	SEP	80
4.	Benchmark Test III PART-B Analysis of Financial statements Analysis . Chapter 1,2 and 3.	OCT/ NOV	40
5.	Pre-Board I WHOLE SYLLABUS	DEC	80
6.	Pre-Board II WHOLE SYLLABUS	JAN	80

SUBJECT: BUSINESS STUDIES

Name of the Books

1. BUSINESS STUDIES TEXT BOOK FOR CLASS XII (NCERT) (PART A & PART B)
2. BUSINESS STUDIES for class XII BY POONAM GANDHI

SL NO.	Name of Chapter(s) / Topic(S)	MONTH
1.	<p>CH 1:- NATURE AND SIGNIFICANCE OF MANAGEMENT</p> <p>Learning Objectives:</p> <p>Students will learn about:</p> <p>After going through this Unit, the students will be able to:</p> <ul style="list-style-type: none"> .Understand the meaning, objectives and importance of management .Develop the knowledge of essential features of science, art and profession and on the basis of knowledge so acquired to be able to conclude. .Whether management is an art, a science or a profession. .Explain the different levels of management and the functions performed by managers at these levels .Describe that managers at all levels perform the function of planning, organising, staffing, directing and controlling however the scope & importance of these functions differ from level to level 	APRIL

	<ul style="list-style-type: none"> .Discuss the need,characteristics and importance of coordination . Develop an understanding that coordination is the essence of management 	
2.	<p>CH 2:- PRINCIPLES OF MANAGEMENT</p> <p>Learning Objectives:</p> <p>Students will learn about</p> <ul style="list-style-type: none"> .Principles of Management- concept and significance . Understand the concept of principles of management. Explain the significance of management principles. Fayol’s principles of management .Discuss the principles of management developed by Fayol. .Taylor’s Scientific management- principles and techniques . Explain the principles and techniques of ‘Scientific Management’. .Compare the contributions of Fayol and Taylor. 	APRIL/May
3.	<p>CH 3:- BUSINESS ENVIRONMENT</p> <p>Learning Objectives:</p> <p>Students will learn about:</p> <ul style="list-style-type: none"> .Business Environment- concept and importance . Understand the concept of ‘Business Environment’. .Describe the importance of business environment .Dimensions of Business Environment- Economic, Social, Technological, Political and Legal .Demonetization - concept and features .Describe the various dimensions of ‘Business Environment’. . Understand the concept of demonetization .Impact of Government policy changes on business with special reference to liberalization, privatization and globalization in India .Examine the impact of government policy changes on business in India with reference to liberalisation, privatization and globalisation since 1991. . Discuss the managerial response to changes in business environment. 	May/June
4.	<p>CH 4:- PLANNING</p> <p>Learning Objectives:</p> <p>Students will learn about :</p> <ul style="list-style-type: none"> .Concept, importance and limitation Understand the concept of planning. .Describe the importance of planning. .Understand the limitations of planning. .Planning process- Describe the steps in the process of planning. .Single use and standing plans, Objectives, Strategy, Policy, Procedure, method Rule, budget and Programme .Develop an understanding of single use and standing plans . Describe objectives, policies, 	June
5.	<p>CH 5:- ORGANIZING</p> <p>Learning Objectives:</p> <p>Students will learn about</p>	July

	<ul style="list-style-type: none"> .Concept and importance Understand the concept of organizing as a structure and as a process. .Explain the importance of organising. Organising Process . Describe the steps in the process of organizing Structure of organisation- functional and divisional concept. Formal and informal organisation- concept .Describe functional and divisional structures of organisation. . Explain the advantages, disadvantages and suitability of functional and divisional structure. .Understand the concept of formal and informal organisation. . Discuss the advantages, disadvantages of formal and informal organisation. .Delegation: concept, elements and importance . Understand the concept of delegation. .Describe the elements of delegation. .Appreciate the importance of Delegation. .Decentralization: concept and importance Understand the concept of decentralisation. .Explain the importance of decentralisation. .Differentiate between delegation and decentralisation 	
6.	<p>CH 6:- STAFFING Learning Objectives: Students will learn about:</p> <ul style="list-style-type: none"> .Concept and importance of staffing .Understand the concept of staffing. .Explain the importance of staffing .Staffing as a part of Human Resource Management concept .Understand the specialized duties and activities performed by Human Resource Management .Staffing process- Describe the steps in the process of staffing .Recruitment process- Understand the meaning of recruitment. . Discuss the sources of recruitment. . Explain the merits and demerits of internal and external sources of recruitment. .Selection - process Understand the meaning of selection. .Describe the steps involved in the process of selection. .Training and Development - Concept and importance, Methods of training - on the job and off the job - vestibule training, apprenticeship training and internship training .Understand the concept of training and development. . Appreciate the importance of training to the organisation and to the employees. . Discuss the meaning of induction training, vestibule training, apprenticeship training and internship training. . Differentiate between training and development. 	July

	. Discuss on the job and off the job methods of training.	
7.	<p>CH 7:- DIRECTING</p> <p>Learning Objectives:</p> <p>Students will learn about:</p> <ul style="list-style-type: none"> .Concept and importance Describe the concept of directing. .Discuss the importance of directing Elements of Directing .Describe the various elements of directing , Motivation - concept, Maslow's hierarchy of needs, Financial and non-financial incentives .Understand the concept of motivation. .Develop an understanding of Maslow's Hierarchy of needs. .Discuss the various financial and non-financial incentives. .Leadership - concept, styles - authoritative, democratic and laissez faire . Understand the concept of leadership. .Understand the various styles of leadership. .Communication - concept, formal and informal communication; barriers to effective communication, how to overcome the barriers .Understand the concept of communication .Understand the elements of the communication process. .Discuss the concept of formal and informal communication. .Discuss the various barriers to effective communication. .Suggest measures to overcome barriers to communication 	August
8.	<p>CH 8:- CONTROLLING</p> <p>Learning Objectives:</p> <p>Students will learn about :</p> <ul style="list-style-type: none"> .Controlling - Concept and importance . Understand the concept of controlling. .Explain the importance of controlling. .Relationship between planning and controlling .Describe the relationship between planning and controlling .Steps in process of control .Discuss the steps in the process of controlling. 	August
9.	<p>CH 9:- FINANCIAL MANAGEMENT</p> <p>Learning Objectives:</p> <p>Students will learn about :</p> <ul style="list-style-type: none"> .Concept, role and objectives of Financial Management . Understand the concept of financial management. . Explain the role of financial management in an organisation. .Discuss the objectives of financial management .Financial decisions: investment, financing and dividend- Meaning and factors affecting . Discuss the three financial decisions and the factors affecting them. .Financial Planning - concept and importance .Describe the concept of financial planning and its objectives. Explain the importance of financial planning. .Capital Structure – concept and factors affecting capital structure .Understand the concept of capital structure. 	September

	<ul style="list-style-type: none"> . Describe the factors determining the choice of an appropriate capital structure of a company. .Fixed and Working Capital - Concept and factors affecting their requirements . Understand the concept of fixed and working capital. . Describe the factors determining the requirements of fixed and working capital. 	
10.	<p>CH 10:- FINANCIAL MARKETS</p> <p>Learning Objectives:</p> <p>Students will learn about:</p> <ul style="list-style-type: none"> .Financial Markets: Concept, Functions and types . Understand the concept of financial market. . Explain the functions of financial market. . Understand capital market and money market as types of financial markets. .Money market and its instruments . Understand the concept of money market. . Describe the various money market instruments. .Capital market and its types (primary and secondary), methods of floatation in the primary market . Discuss the concept of capital market. . Explain primary and secondary markets as types of capital market. . Differentiate between capital market and money market. . Discuss the methods of floating new issues in the primary market. . Distinguish between primary and secondary markets. .Stock Exchange - Functions and trading procedure . Give the meaning of a stock exchange. . Explain the functions of a stock exchange. .Discuss the trading procedure in a stock exchange. .Give the meaning of depository services and demat account as used in the trading procedure of securities. .Securities and Exchange Board of India (SEBI) - objectives and functions .State the objectives of SEBI. .Explain the functions of SEBI. 	October
11.	<p>CH 11:- MARKETING MANAGEMENT</p> <p>Learning Objectives:</p> <p>Students will learn about:</p> <ul style="list-style-type: none"> .Marketing – Concept, functions and philosophies .Understand the concept of marketing. . Explain the features of marketing. . Discuss the functions of marketing. . Explain the marketing philosophies. .Marketing Mix – Concept and elements . Understand the concept of marketing mix. . Describe the elements of marketing mix. <p>Product - branding, labelling and</p>	November

	<p>packaging – Concept</p> <ul style="list-style-type: none"> . Understand the concept of product as an element of marketing mix. Understand the concept of branding, labelling and packaging. <p>Price - Concept, Factors determining price</p> <ul style="list-style-type: none"> . Understand the concept of price as an element of marketing mix. . Describe the factors determining price of a product. <p>Physical Distribution – concept, components and channels of distribution</p> <ul style="list-style-type: none"> . Understand the concept of physical distribution. . Explain the components of physical distribution. . Describe the various channels of distribution. <p>Promotion – Concept and elements;</p> <p>Advertising, Personal Selling, Sales Promotion and Public Relations</p> <ul style="list-style-type: none"> . Understand the concept of promotion as an element of marketing mix. . Describe the elements of promotion mix. . Understand the concept of advertising. . Understand the concept of sales promotion. . Discuss the concept of public relations. 	
12.	<p>CH 12:- CONSUMER PROTECTION</p> <p>Learning Objectives:</p> <p>Students will learn about:</p> <ul style="list-style-type: none"> . Concept and importance of consumer protection . Understand the concept of consumer protection. . Describe the importance of consumer protection. . Discuss the scope of Consumer Protection Act, 1986 . Consumer Protection Act 1986: Meaning of consumer Rights and responsibilities of consumers Who can file a complaint? Redressal machinery Remedies available . Understand the concept of a consumer according to the Consumer protection Act 1986. . Explain the consumer rights . Understand the responsibilities of consumers . Understand who can file a complaint and against whom? . Discuss the legal redressal machinery under Consumer protection Act 1986. . Examine the remedies available to the consumer under Consumer protection Act 1986. . Consumer awareness - Role of consumer organizations and Non-Governmental Organizations (NGOs) . Describe the role of consumer organizations and NGOs in protecting consumers' interests. 	December

SL NO.	TOPICS	MONTH
1.	<p>Principles of Management The students are required to visit any one of the following: 1. A departmental store. 2. An Industrial unit. 3. A fast food outlet. 4. Any other organisation approved by the teacher. They are required to observe the application of the general Principles of management advocated by Fayol. Fayol's principles 1. Division of work. 2. Unity of command. 3. Unity of direction. 4. Scalar chain 5. Espirit de corps 6. Fair remuneration to all. 7. Order. 8. Equity. 9. Discipline 10. Subordination of individual interest to general interest. 11. Initiative. 12. Centralisation and decentralisation. 13. Stability of tenure.</p> <p style="text-align: center;">OR</p> <p>They may enquire into the application of scientific management techniques by F.W. Taylor in the unit visited. Scientific techniques of management. 1. Functional foremanship. 2. Standardisation and simplification of work. 3. Method study. 4. Motion Study. 5. Time Study. 6. Fatigue Study 7. Differential piece rate plan.</p> <p style="text-align: center;">OR</p>	August
2.	<p>Marketing Management - 4 P's of marketing .Now the students are required to make a project on any product/service keeping in mind the following: 1. Why have they selected this product/service? 2. Find out '5' competitive brands that exist in the market. 3. What permission and licences would be required to make the product? 4. What are your competitors' Unique Selling Propositions?[U.S.P.]? 5. Does your product have any range of details? 6. What is the name of your product? 7. Enlist its features. 8. Draw the 'Label' of your product. 9. Draw a logo for your product. 10. Draft a tagline. 11. What is the selling price of your competitor's product? (i) Selling price to consumer (ii) Selling price to retailer (iii) Selling price to wholesaler What is the profit margin in percentage to the Manufacturer. Wholesaler. Retailer. 12. How will your product be packaged? 13. Which channel of distribution are you going to use? Give reasons for selection? 14. Decisions related to warehousing, state reasons. 15. What is going to be your selling price? (i) To consumer (ii) To retailer (iii) To wholesaler 16. List 5 ways of promoting your product. 17. Any schemes for (i) The wholesaler (ii) The retailer (iii) The consumer 18. What is going to be your 'U.S.P? 19. What means of transport will you use and why? 20. Draft a social message for your label. 21. What cost effective techniques will you follow for your product? 22. What cost effective techniques will you follow for your promotion plan? At this stage the students will realise the importance of the concept of marketing mix and the necessary decision regarding the four P's of marketing. Product Place Price Promotion On the basis of the work done by the students the project report should include the following: 1. Type of product /service identified and the (consumer/industries) process involved therein. 2. Brand name and the product. 3. Range of the product. 4. Identification mark or logo. 5. Tagline. 6. Labeling and packaging. 7. Price of the product and basis of price fixation. 8. Selected channels of distribution and reasons thereof. 9. Decisions related to transportation and warehousing. State reasons. 10. Promotional techniques</p>	JANUARY/ FEB

used and starting reasons for deciding the particular technique. 11. Grading and standardization.

LIST OF ACTIVITIES & ASSESSMENTS
Class XII: BUSINESS STUDIES (22-23)

SL NO.	Details of Activity	Month	Marks
1.	<p>What is the activity--Interactive learning Games(memory game)</p> <p>How to do the activity (hints)---students will be divided into groups and in one flow along with chapter names topics will be given ,with those topics students will start its caption and keywords memory game.</p> <p>Materials required(hints)-- Class room with text book</p>	JUN	10
2.	<p>What is the activity--MCQ Quiz competition on Business studies</p> <p>How to do the activity (hints)---Students will prepare themselves with the help of various study materials available to them.</p> <p>Materials required(hints)-- Class room ,pen, paper</p>	AUG	10
3.	<p>What is the activity-- THINK- PAIR- SHARE</p> <p>Tools used</p> <p>How to do the activity (hints)---Overview This active learning strategy involves posing a short problem, case studies, or question to your students and giving them the time and opportunity to complete the following steps:</p> <ol style="list-style-type: none"> 1. Think through the problem, scenario, or question individually. 2. Pair with a partner to discuss. 3. Share their findings or takeaways with the rest of the class. <p>This strategy not only gives students time to process and apply their knowledge and skills on their own first, it also gives them the opportunity to consult and collaborate with a peer. This process usually elicits more thoughtful responses while also lowering the</p>	OCT	10

	<p>stakes of sharing with the rest of the class.</p> <p>Materials required(hints)-- 1) Classroom,pen ,paper</p>		
4.	<p>What is the activity– Project file topic Principles of Management or Marketing Management</p> <p>How to do the activity (hints)- Students have to visit any Departmental stores or Malls where they will have to click pictures with their staffs and collect information about the 14 Principles that are being followed there or not, and for Marketing Management project students need to take their own product and need to market them which need to be explained as how the product has come into the market? , Why customers will choose their product? How they will make their product reach to the customer? Using 4 P's ..</p> <p>Materials required(hints)-- Project File chart papers sketch pens and other stationaries etc..</p>	JAN	10

Details of Assessments

	Syllabus	Month	Marks
1.	<p>Benchmark Test I</p> <p>CH 1:- NATURE AND SIGNIFICANCE OF MANAGEMENT</p> <p>CH 2:- PRINCIPLES OF MANAGEMENT</p> <p>CH 3:- BUSINESS ENVIRONMENT</p>	MAY	40
2.	<p>Benchmark Test II</p> <p>CH 4:- PLANNING</p> <p>CH 5:- ORGANIZING</p> <p>CH 6:- STAFFING</p>	JUL	40
3.	<p>Half Yearly Exam</p> <p>PART- A CH 1:- NATURE AND SIGNIFICANCE OF MANAGEMENT</p> <p>CH 2:- PRINCIPLES OF MANAGEMENT</p> <p>CH 3:- BUSINESS ENVIRONMENT</p> <p>CH 4:- PLANNING</p> <p>CH 5:- ORGANIZING</p> <p>CH 6:- STAFFING</p> <p>CH 7:- DIRECTING</p> <p>CH 8 :- CONTROLLING</p>	SEP	80
4.	<p>Benchmark Test III</p> <p>CH 9:- FINANCIAL MANAGEMENT</p> <p>CH 10:- FINANCIAL MARKETS</p>	OCT/ NOV	40

	CH 11:- MARKETING MANAGEMENT		
5.	Pre-Board I CHAPTERS 1 TO 12 (PART A & B) WHOLE BOOK	DEC	80
6.	Pre-Board II CHAPTERS 1 TO 12 (PART A & B) WHOLE BOOK	JAN	80

SUBJECT: BANKING

Name of the Books

1. Banking study material/Handbook by CBSE

SL NO.	Name of Chapter(s) / Topic(S)	MONTH
1.	Vocational Skills- Unit-1-Ancillary services of Bank After reading this unit you will be able to: Describe the features of safe custody services & Bank roles & responsibilities List the rules of Safe Deposit locker and process of availing Bank locker facility Elucidate the importance of Electronic payments Summarises the advantages of RTGS / NEFT Understand fee based services – Bank Guarantee and Letter of credit Understand the benefits to the Banks in selling Third Party Products (TPP) List the salient features of Credit / Debit cards Understand the Brokerage / Demat account features and its advantages	April-May
2.	Unit-2-Innovation in Banking Technology After reading this unit you will be able to: Describe the benefits of use of technology in Banking List the key features & controls of Core Banking Summarize the features of Online Banking & the counter measures available for mitigating the online banking risks Summarize the advantages of Mobile Banking List the features of Internet Banking Explain the purpose of ATMs and its advantages to the Bank / Customers	May
3.	Unit-3-Organization Of a Bank	June

	<p>After reading this unit you will be able to:</p> <p>Understand the need of Branch banking and the set up of a Branch</p> <p>List the functions of Front office, Middle office and Back office</p> <p>List the key features of security arrangements in Bank and their importance</p> <p>Summarise the functions of a Clearing House</p>	
4.	<p>Unit-4-Basics of Business Mathematics</p> <p>After reading this unit you will be able to:</p> <p>Understand simple / compound interest calculation and their applications in Banking</p> <p>List the differences between Fixed / Floating rates</p> <p>Understand the procedure for calculations of EMIs</p> <p>List the process of calculating the interest on Savings Bank account and Overdraft</p> <p>Understand the rules for calculation of maturity date of Bill of Exchange</p>	July-Aug
5.	<p>Unit-5-Reserve Bank of India Regulation on Banks</p> <p>After reading this unit you will be able to</p> <p>Understand the Credit / Monetary tools used by RBI to control inflation</p> <p>Understand the various ratio / rate viz. Cash Reserve Ratio, Statutory Liquidity ratio, Bank rate, Repo / Reverse repo rate, Base rate and their uses</p>	Aug-Sept
6.	<p>Unit-6-Performance of Final Accounts of Banking companies</p> <p>After reading this unit you will be able to:</p> <p>Understand & appreciate the various items that appear in the final accounts of a Banking company.</p>	Oct
7.	<p>Employability Skills</p> <p>After completing this session, students will be able to</p> <ul style="list-style-type: none"> • describe the meaning of entrepreneurship. • describe the meaning of an entrepreneur. • list the actions that make an entrepreneur successful . • list values of a successful entrepreneur. • explain entrepreneurial values with examples. • describe the difference between entrepreneurship and employment. • confidently talk to strangers while interviewing. • present the differences between entrepreneurship and employment to peers. • state and define different thinking styles to solve problems. • apply problem-solving techniques to come up with creative solutions. 	Nov

	<ul style="list-style-type: none"> • list the different ways to come up with business ideas. • create practical business ideas that can be implemented in the market. <p>understand the importance of business planning.</p> <ul style="list-style-type: none"> • create a business plan of your own. 	
8.	<p>Green Skills</p> <p>After completing this session, students will be able to</p> <ul style="list-style-type: none"> • identify important sectors of a green economy. • explain the role of each of these sectors in a green economy. <p>list examples of policies for a green economy.</p> <ul style="list-style-type: none"> • explain important policies for a green economy. <p>identify important stakeholders of green economy.</p> <ul style="list-style-type: none"> • explain the role of each of these stakeholders. <p>differentiate between the role of government and private agencies in a green economy.</p>	

Details of Practicals: BANKING (XII)

SL NO.	TOPICS	MONT H
1.	Interaction between the students and teacher, oral questions will be asked based on the syllabus covered.	Sept
2.	<p>Students can make a powerpoint presentation / assignment/ practical file/ report.</p> <p>Suggested list of Practical-</p> <p>Collecting of information about the sources of income and calculate the tentative tax</p> <p>1.payable by them for the relevant financial year.</p> <p>2. Visit the websites of five different commercial banks (Three Public sector and two private sector banks) and get the details of the various Retail Banking Products offered by them.</p> <p>3. Prepare a comprehensive report for each of these banks covering the following: Retail banking product (One asset and one liability product) best suited for the people in different stages of the cycle e.g. a young executive who recently joined the job, A housewife, an elderly lady with no dependents, A retired person, A member of armed forces etC.</p> <p>4. List various documents to be submitted by the customers for applying for each product.</p>	OCT

	<p>You can obtain sample forms from any of the banks.</p> <p>5. Prepare a comprehensive report for each of these banks covering the following:</p> <p>a) Retail banking product (One asset and one liability product) best suited for the people in different stages of the cycle e.g. a young executive who recently joined the job, A housewife, an elderly lady with no dependents, A retired person, A member of the armed forces etc.</p> <p>b) List various documents to be submitted by the customers for applying for each product. You can obtain sample forms from any of the banks.</p> <p>Explain the operational details for each of the products</p> <p>6. Visit the websites of five different commercial banks (Three Public sector and two private sector banks) and get the details of the various Retail Banking Products offered by them.</p>	
3.	Presentation of the project report, by the students and analysis of the information gathered.	JAN
4.	Viva voice based strictly on the CBSE curriculum of class XII- Banking	JAN

LIST OF ACTIVITIES & ASSESSMENTS

Class XII : BANKING (22-23)

SL NO.	Details of Activity	Month	Marks
1.	<p>What is the activity--Visit the websites of five different commercial banks (Three Public sector and two private sector banks) and get the details of the various Retail Banking Products offered by them.</p> <p>How to do the activity (hints)---Prepare a comprehensive report for each of these banks covering the following:</p> <p>a) Retail banking product (One asset and one liability product) best suited for the people in different stages of the cycle e.g. a young executive who recently joined the job, A housewife, an elderly lady with no dependents, A retired person, A member of armed forces etc.</p> <p>b) List various documents to be submitted by the customers for applying for each product. You can obtain sample forms from any of the banks.</p> <p>c) Explain the operational details for each of the products.</p>	JUN	10

	<p>Materials required(hints)--</p> <ol style="list-style-type: none"> 1. Forms available in banks for various purposes such as Pay-in-slip, Withdrawal slip, account opening form, etc. 2. RTGS and NEFT forms 3. Specimen of Debit card and credit card. 4. A dummy bank space created to show the bank's functioning. 5. Posters showing ATM, passbook printing machine, cash deposit machine, etc. 		
2.	<p>What is the activity--Chart Making on Elements of Communication</p> <p>How to do the activity (hints)---Make a chart showing the elements of communication in the communication cycle or communication process</p> <p>Materials required(hints)--Chart Paper, Colours and Pencil,sample of fiber optic cable.</p>	AUG	10
3.	<p>What is the activity--Online/ Offline Interviews and Presentation: Real Customer Survey</p> <p>How to do the activity (hints)---</p> <ol style="list-style-type: none"> 1. Construct a simple questionnaire containing questions related to customer's (friends or relatives)satisfaction regarding a product or service. 2. Call some people (Neighbours/Friends/Relatives) and administer the questionnaire. 3. Analyse the responses received from the people about the performance of the product or service. 4. Discuss the observations in the class or through a detailed report. <p>Materials required(hints)--Questionnaire,Demo-graphy of the Customer,Income of the customer.</p>	OCT	10
4.	<p>What is the activity--Preparing a Poster on 'Sectors of Green Economy'</p> <p>How to do the activity (hints)---Make a poster showing the sectors of the green economy,classify the sectors,state it's features and importance.</p> <p>Materials required(hints)--Pen, colouring material, chart paper,Newspaper cuttings, findings over the internet.</p>	Nov	10

Details of Assessments

	Syllabus	Month	Marks
1.	<ul style="list-style-type: none"> ● Benchmark Test I ● Unit-1-Ancillary services of Bank 	MAY	40
2.	<ul style="list-style-type: none"> ● Benchmark Test II ● Unit-1-Ancillary services of Bank ● Unit-2-Innovation in Banking Technology ● Unit-3-Organization Of a Bank 	JUL	40
3.	<ul style="list-style-type: none"> ● Half Yearly ● Exam ● Unit-1-Ancillary services of Bank ● Unit-2-Innovation in Banking Technology ● Unit-3-Organization Of a Bank ● Unit-4-Basics of Business Mathematics 	SEP	60
4.	<p>Benchmark Test III</p> <ul style="list-style-type: none"> ● Unit-1-Ancillary services of Bank ● Unit-2-Innovation in Banking Technology ● Unit-5-Reserve Bank of India regulation on Banks ● Unit-6-Performa of Final Accounts of Banking companies 	OCT/ NOV	40
5.	<p>Pre-Board I</p> <p>Full syllabus</p>	DEC	60
6.	<p>Pre-Board II</p> <p>Full syllabus</p>	JAN	60

SUBJECT: ECONOMICS

Name of the Books

1. 1.Introductory Macro Economics By Sandeep Garg(Dhanpat Rai Publication)
2.Indian Economic Development By Sandeep Garg(Dhanpat Rai Publication)

SL NO.	Name of Chapter(s) / Topic(S)	MONTH
1.	Macro Economics	
2.	Ch-1 Circular Flow of Income LEARNING OUTCOMES After going through this chapter students will be able to <ul style="list-style-type: none">● By the end of this lesson, students will be able to: explain the circular flow that shows how consumers (households), businesses (producers), and markets interact.● explain how resources, goods and services, and money flow continuously among households, businesses, and markets in the United States economy.	APRIL/ MAY
3.	Ch-2 Basic Concepts of Macro Economics LEARNING OUTCOMES After going through this chapter students will be able to <ul style="list-style-type: none">● Apply macroeconomic measures to analyse unemployment and inflation including contrasting economic views on unemployment.● Explain the components of aggregate economic activity, fluctuations and effects for the national economy and how fiscal policy is used to achieve economic goals.	MAY
4.	Ch-3 National Income and Related Aggregate LEARNING OUTCOMES Students will be able to <ul style="list-style-type: none">● understand the flow of money between households and between firms,● distinguish between the definitions and components of GNI and GDP and understand GNI and GDP as measures of national income,● understand the difference between nominal (money) GNI/GDP and real	JUNE

	<p>GNI/GDP,</p> <ul style="list-style-type: none"> ● understand the following three ways to measure GNI/GDP: output approach (production approach), income approach, and expenditure approach, ● understand the relationship between national income, saving, consumption, and investment, ● understand how per capita GNI/GDP is computed. 	
5.	<p>Ch-4 Measurement of National Income</p> <p>LEARNING OUTCOMES After going through this chapter students will be able to</p> <ul style="list-style-type: none"> ● Explain the Value added method, income method , expenditure method ● Treatment of different items in national income and domestic income ● Nominal GDP And Real GDP 	JUNE
6.	<p>Ch-5 Money</p> <p>LEARNING OUTCOMES After going through this chapter students will be able to</p> <ul style="list-style-type: none"> ● Understand the exchange value of coins/notes. Learn the names of coins/notes. 	JULY
7.	<p>Ch-6 Banking</p> <p>LEARNING OUTCOMES After going through this chapter students will be able to</p> <ul style="list-style-type: none"> ● Explain about Commercial bank & function of commercial bank. ● Describe Money creation or credit creation. ● Explain Central bank and functions of central bank. ● Discuss Central bank vs commercial bank. 	JULY/AUG
8.	<p>Ch-7 Aggregate Demand and Related Concepts</p> <p>LEARNING OUTCOMES After going through this chapter students will be able to</p> <ul style="list-style-type: none"> ● State the Meaning and components of aggregate demand and supply. ● Explain the Consumption function, savings function, investment function. ● Discuss EX-ante and EX- post savings and investment. ● Full employment and involuntary unemployment. 	AUG
9.	<p>Ch-8 Income Determination and Multiplier</p> <p>LEARNING OUTCOMES After going through this chapter students will be able to</p>	SEP

	<ul style="list-style-type: none"> Analyse the Determination of equilibrium level. Explain the Concept of investment multiplier. 	
10.	<p>Ch-9 Excess Demand and Deficient Demand LEARNING OUTCOMES After going through this chapter students will be able to</p> <ul style="list-style-type: none"> Explain the Measures to control Excess and deficient demand. Discuss the Measure to correct excess demand and deficient demand. Explain Excess and deficient demand in three sector economy. 	OCT
11.	<p>Ch-10 Government Budget and Economy LEARNING OUTCOMES After going through this chapter students will be able to</p> <ul style="list-style-type: none"> State the Meaning and objectives of govt. Budget. Explain Budget, revenue and capital receipt. Discuss Budget expenditure State the Measures of govt. deficit 	NOV
12.	<p>Ch-11&12 Foreign Exchange Rate and Balance of Payment LEARNING OUTCOMES After going through this chapter students will be able to</p> <ul style="list-style-type: none"> State the meaning of foreign exchange rate, currency depreciation vs currency appreciation. Discuss the demand, type and supply of exchange rate. Determination of exchange rate. Changes in exchange rate and foreign exchange market. 	DEC
Indian Economic Development		
13.	<p>Development Experience (1947-90) and Economic Reforms since 1991 LEARNING OUTCOMES After going through this unit students will be able to</p> <ul style="list-style-type: none"> understand the background of the reform policies introduced in India in 1991 understand the mechanism through which reform policies were introduced comprehend the process of globalisation and its implications for India be aware of the impact of the reform process in various sectors. 	APRIL- JULY
14.	<p>Current Challenges Facing Indian Economy(Till Rural Development) LEARNING OUTCOMES After going through this unit students will be able to</p> <ul style="list-style-type: none"> understand rural development and the major issues associated with it. 	JULY-AUG

	<ul style="list-style-type: none"> • appreciate how crucial the development of rural areas is for India's overall development. • understand the critical role of credit and marketing systems in rural development • learn about the importance of diversification of productive activities to sustain livelihoods • understand the significance of organic farming in sustainable development. 	
15.	Current Challenges Facing Indian Economy(From Employment to Environment and Sustainable development) LEARNING OUTCOMES After going through this unit students will be able to <ul style="list-style-type: none"> • understand the concept of environment • analyse the causes and effects of 'environmental degradation' and 'resource depletion' • understand the nature of environmental challenges facing India • relate environmental issues to the larger context of sustainable development. 	OCT-NOV
16.	Development Experience of India: A Comparison with Neighbours LEARNING OUTCOMES After going through this unit students will be able to <ul style="list-style-type: none"> • figure out comparative trends in various economic and human development indicators of India and its neighbours, China and Pakistan • Assess the strategies that these countries have adopted to reach their present state of development. 	DEC
	Details of Practicals: ECONOMICS (XII)	MONTH
SL NO.	TOPICS	
1.	Livestock-Backbone of rural India	AUG
2.	Trends in budgetary conditions of India	NOV

LIST OF ACTIVITIES & ASSESSMENTS
Class XII: ECONOMICS (22-23)

SL NO.	Details of Activity	Month	Marks
1.	What is the activity--Preparing Chart on circular flow of Income.e	APR-JUN	10

	How to do the activity (hints)---Drawing the model of circular flow on chart. Materials required(hints)--Sketch pen,Chartpaper,Scale		
2.	What is the activity--PPT on Indian Economy (1950-1990) How to do the activity (hints)---Showing agricultural and industrial development after Independence Materials required(hints)--Presentation required	JUL- AUG	10
3.	What is the activity--Assignment on Diversification of Agricultural activities. How to do the activity (hints)---Reason benefits types of diversification, Diversification of crop production. Materials required(hints)--Copy & Pen	SEPT- NOV.	10
4.	What is the activity--Prepare a specific project on types of GST. How to do the activity (hints)---describing the types of GST and whether GST is good for a country like India. Materials required(hints)--pen,practicalfile,file paper.	DEC- FEB	10
Details of Assessments			
1.	Circular flow of income and Basic Concepts of Macro Economics and Indian Eco. On the Eve. Of Independence	MAY	40
2.	Macro-unit 5(ch-3&4)&Indian Eco.-Liberalisation, Privatisation&Globalisation	JULY	40
3.	Macro-Unit(5,6,7{ch.-7})Indian Eco.-(Development Exp.1947-1990 & Eco. Reforms since 1991)&Current Challenges Facing Indian Economy(till Rural Development)	SEPT	70/ 80
4.	Macro-Money andBanking& Indian Economy.-Poverty &Human Capital Formation	OCT- NOV	40
5.	Whole Syllabus	DEC	70/ 80
6.	Whole Syllabus	JAN	50

SUBJECT: Entrepreneurship (066)

Name of the Books

1.ENTREPRENEURSHIP TEXT BOOK FOR CLASS XII BY NCERT

2.ENTREPRENEURSHIP TEXT BOOK FOR CLASS XII BY POONAM GANDHI-VK Publications

3.All In One ENTREPRENEURSHIP FOR CLASS XII -Arihant

SL NO.	Name of chapter(s)/ Topic (S)	MONTH
1.	<p>CH 1: ENTREPRENEURIAL OPPORTUNITY</p> <p>Learning Outcomes:-</p> <p>.After going through this unit, the student/learner would be able to:</p> <p>.Understand the concepts and elements of business opportunity.</p> <p>.Understand the process involved in sensing opportunities.</p> <p>.Give the meaning of environment scanning.</p> <p>.To understand the need to scan the environment.</p> <p>.Enlist the various forces affecting business environment.</p> <p>.Understand the different fields of ideas.</p> <p>.Enlist the various sources of idea fields.</p> <p>.Understand the opportunities. process of transformation of ideas into</p> <ul style="list-style-type: none">• Explain the meaning of trend spotting. <p>.Understand the concept of opportunity assessment.</p> <p>.Identify the different ways of spotting trends.</p> <p>.Differentiate between the process of creativity and innovation.</p>	April
2.	<p>CH 2:- ENTREPRENEURIAL PLANNING</p> <p>Learning Outcomes</p> <p>After going through this unit, the student/learner would be able to: • Understand the concept of entrepreneurial planning.</p> <ul style="list-style-type: none">• Understand the forms of business enterprise. <p>.Distinguish among the various forms of business enterprise.</p> <p>.Explain the concept of business plan.</p>	April /May

	<p>.Appreciate the various components of business plan.</p> <p>.Differentiate among the various components of business plan</p>	
3.	<p>CH 3:- ENTERPRISE MARKETING</p> <p>Learning Outcomes</p> <p>After going through this unit, the student/ learner would be able to:</p> <ul style="list-style-type: none"> .Understand the goal setting and SMART goals. .Enlist the various marketing strategies used in a firm. .Explain the concepts of Product, Price, Place and Promotion. • Understand the concept of Branding, Packaging and Labelling. .Describe the various methods of pricing. .Explain the various channels of distribution. Appreciate and discuss the various factors affecting the channels of distribution. .Understand the sales strategy. .State the different types of components of sales strategy. .Enumerate the different tools of promotion. .Understand the meaning and objectives of advertising. .Able to discuss the various modes of advertising. .Will be able to understand the concept of personal selling and sales promotion. .Discuss the various techniques of sales promotion. .Understand the meaning and methods of negotiation. . Understand the concept of customer relationship management. .State the importance of Customer Relationship Management. .Explain the concept of management in a firm. Explain the concept and importance of vendor management in a firm. .Explain the factors for effective employee relationship. .Explain the various reasons for business failure. 	June
4.	<p>CH 4:- ENTERPRISE GROWTH STRATEGIES</p> <p>Learning Outcomes</p> <p>After going through this unit, the student/learner would be able to:</p> <ul style="list-style-type: none"> .Understand the concept of growth and development of an enterprise. . Explain the concept of franchise .Explain the different types of franchise. .Explain the advantages and limitations of franchise .Understand growth of a firm is possible through mergers and acquisitions. . Explain the different types of mergers. .State the meaning and types of acquisitions. .Understand the reasons for mergers and acquisitions. . .Explain the concept of value addition. .Describe the different types of value addition. 	July

	<ul style="list-style-type: none"> .State the meaning of value chain. . Discuss the Porters Model of value chain. .Understand the requirements for value chain management. 	
5.	<p>CH 5:- BUSINESS ARITHMETIC Learning Outcomes</p> <ul style="list-style-type: none"> .After going through this unit, the student/learner would be able to: .Understand the concept of unit cost. .Understand the concept of unit price. .Calculate break-even point for multiple products. .Understand the meaning of inventory control. .Understand the meaning of economic order quantity. .Enumerate the meaning of cash flow projection. .Explain the concept of working capital. .Understand the terminologies used in financial management and budgets. .Calculate return on investment. .Explain the concept of return on equity. 	August
6.	<p>CH 6:- RESOURCE MOBILIZATION Learning Outcomes</p> <p>After going through this unit, the student/learner would be able to:</p> <ul style="list-style-type: none"> .Understand the need of finance in the business. .Understand the various sources of funds required for a firm. .Understand the methods of raising finance in primary market. .Understand the importance of secondary market for mobilisation of resources. .Give the meaning of stock exchange. <p>.Raising funds through financial markets.</p> <ul style="list-style-type: none"> .Understand the relevance of stock exchange as a medium through which funds can be raised. .Understand the role of SEBI. .Explain the concept of angel investors. .Explain the concept of venture capital. . Explain the role played by IDBI, SIDBI, IFCI, NABARD, IIBI, SFC, TFCI, SIDC. 	September

LIST OF ACTIVITIES & ASSESSMENTS
Class XII COMMERCE : Entrepreneurship (22-23)

SL NO.	Details of Activity	Month	Marks
1.	<p>What is the activity-- ICT ACTIVITY:</p> <p>How to do the activity (hints)---CASE STUDY OF YOUNG AND SUCCESSFUL INDIAN ENTREPRENEUR THROUGH PPT PRESENTATION- Ex:</p>	APR-JUN	10

	<p>OYO ROOMS- RITESH AGARWAL</p> <p>FLIPKART- BINNY BANSAL</p> <p>SWIGGY-NANDAN REDDY Materials required(hints)--Presentations, videos etc.</p>		
2.	<p>What is the activity--ART INTEGRATION</p> <p>How to do the activity (hints)---Students will make charts and models related to various topics: Marketing Mix, Branding, 4 P's</p> <p>Materials required(hints)-- Stationeries as per their requirements</p>	JUL- AUG	10
3.	<p>What is the activity--INTRODUCING A NEW PRODUCT WITH THE HELP OF A PROJECT BASED ON BUSINESS PLAN</p> <p>How to do the activity (hints)--- Students will describe the various components of Business plan Differentiate among the various components of Business plan and Explain the concept of Business plan on their project with the help of pen paper</p>	SEPT- NOV.	10
4.	<p>What is the activity-Market Survey</p> <p>How to do the activity (hints)---students will make their own based products at home with the help of teachers and classmates and decide on possible products they could sell, and with my help, added possible organizations where profits would go. They developed a market survey ,Which they will sell to their friends, relatives etc. afterwards students will be requested to show and share their experiences that their respective classes and family members take their survey.</p> <p>Materials required(hints)--Products will be based on students choice ,paper to keep important records, pen, pencil, file, eraser..</p>	DEC- FEB	10
	Details of Assessments		
1.	<p>BENCHMARK -1 Ch 1 Entrepreneurial Opportunity Ch 2 Entrepreneurial Planning</p>	MAY	35
2.	<p>BENCHMARK- 2 Ch 3 Enterprise Marketing Ch 4 Enterprise Growth Strategies</p>	JULY	35
3.	<p>MID TERM - Ch 1 Entrepreneurial Opportunity Ch 2 Entrepreneurial Planning Ch 3 Enterprise Marketing Ch 4 Enterprise Growth Strategies Ch 5 Business Arithmetic</p>	SEPT	70
4.	<p>BENCHMARK 3- Ch 1 Entrepreneurial Opportunity Ch 2 Entrepreneurial Planning</p>	NOV	35

		Ch 5 Business Arithmetic Ch 6 Resource Mobilization		
5.	Pre Board I-	Ch 1 Entrepreneurial Opportunity Ch 2 Entrepreneurial Planning Ch 3 Enterprise Marketing Ch 4 Enterprise Growth Strategies Ch 5 Business Arithmetic Ch 6 Resource Mobilization	DEC	70
6.	Pre Board II-	Ch 1 Entrepreneurial Opportunity Ch 2 Entrepreneurial Planning Ch 3 Enterprise Marketing Ch 4 Enterprise Growth Strategies Ch 5 Business Arithmetic Ch 6 Resource Mobilization	JAN	70

SUBJECT: WEB APPLICATION (803)

Name of the Books

1. Students Handbook CLASS XII

LINK TO DOWNLOAD THE BOOK:

http://cbseacademic.nic.in/web_material/Curriculum21/publication/srsec/803-Web%20Application%20Class-%20XII.pdf

SL NO.	Name of Chapter(s) / Topic(S)	MONTH
1.	<u>Ch-3 Web Scripting - Javascript :</u> 3.1 Java Script Review 3.3 Object 3.6 Array object	April
2.	<u>Ch-3 Web Scripting - Javascript :</u> 3.3 Object 3.6 Array object	May
3.	<u>Ch-3 Web Scripting - Javascript :</u> 3.2 Functions 3.4 String object 3.5 Math object 3.7 Events 3.8 Case Studies	June
4.	<u>Ch-1 Movie Editing Tools</u>	July

	1.1 Movie Editing Tools 1.2 Familiarization of Interface Components 1.3 Importing Pictures, Audio and Video Clips Pictures into Windows Movie Maker	
5.	<u>Ch-1 Movie Editing Tools</u> 1.4 Splitting, Joining and Trimming Movie Clips 1.5 Adding Titles in Windows Movie Maker 1.6 Publishing Movie in Windows Movie Maker	August
6.	<u>Ch-2 Customizing and Embedding Multimedia Components in Web Pages</u> 2.1 Customizing and Embedding Multimedia Components in Web Pages 2.2 Compatible Multimedia File Formats for Web Pages 2.3 Embedding Audio in Web Pages 2.4 Embedding Video in Web Pages 2.5 Embedding Flash Files in Web Pages Part A-Employability skills -Communication Skill -ICT Skill -Self management skill	Sept
7.	Part A-Employability skills -Green Skill -Entrepreneurial skills	Oct-Nov
8.	<u>Ch-4 Advanced Features of Web Design</u> 4.1 Code View , Add-ins, Snippets and Page Transitions 4.2 Dynamic Web Templates 4.3 SEO- Search Engine Optimization 4.4 Forms- Advanced 4.5 Publishing Web Pages or Websites - I 4.6 Publishing Web pages or Websites - II 4.7 Authoring Tools 4.8 CSS Templates	Nov-Dec

LIST OF ACTIVITIES & ASSESSMENTS
Class XII: (22-23)

SL NO.	Details of Activity	Month	Marks
1.	Collecting Real life data to understand and solve the the following program of Array, String and Function i-Display Sum of n Natural Numbers	APR- JUN	10

	ii-Write a program using a for loop to calculate the factorial of a number. iii-Write a program to classify a given number as prime or composite. iv-Write a Program to create an array. v-Write a Program using JavaScript to find length of Array. vi-Write a Program to join two arrays using concat() vii-Write a Program to remove the last element from the array by using pop() viii-Write a Program to reverse the order of the elements in the array.		
2.	Application of events and movie editing through the following activity i-Execution of JavaScript immediately after a page has been loaded ii-Execute a JavaScript when a button is clicked iii-Split Video Clip using Windows Movie Maker(WMM). iv-Joining Video clip using WMM. v-Perform Trimming Video Clip using WMM.	JUL- AUG	10
3.	Shoot a few videos and edit using the tools of WMP/Filmora.	SEPT NOV	10
4.	Create a Webpage and design it through html and css and published it using JavaScript	DEC- FEB	10
Details of Assessment			
1.	Benchmark Test 1- <u>Ch-3 Web Scripting - Javascript :</u> 3.1 Java Script Review 3.3 Object 3.6 Array object	MAY	40
2.	Benchmark Test 2- <u>Ch-3 Web Scripting - Javascript :</u> 3.2 Functions 3.4 String object 3.5 Math object 3.7 Events 3.8 Case Studies <u>Ch-1 Movie Editing Tools</u> 1.1 Movie Editing Tools 1.2 Familiarization of Interface Components 1.3 Importing Pictures, Audio and Video Clips Pictures into Windows Movie Maker	JULY	40
3.	Mid Term-	SEPT	60

	<p>Mid Term-</p> <p><u>Ch-3 Web Scripting - Javascript :</u> 3.4 String object 3.5 Math object 3.7 Events</p> <p><u>Ch-1 Movie Editing Tools</u> 1.4 Splitting, Joining and Trimming Movie Clips 1.5 Adding Titles in Windows Movie Maker 1.6 Publishing Movie in Windows Movie Maker</p> <p><u>Part A-Employability skills</u> -Communication Skill -ICT Skill -Self management skill</p>		
4.	<p>Benchmark Test 3-</p> <p>Part A-Employability skills</p> <p>-Green Skill</p> <p>-Entrepreneurial skills</p> <p><u>Ch-4 Advanced Features of Web Design</u></p> <p>4.1 Code View , Add-ins, Snippets and Page Transitions</p> <p>4.2 Dynamic Web Templates</p> <p>4.3 SEO- Search Engine Optimization</p> <p>4.4 Forms- Advanced</p>	NOV	40
5.	<p>1st Pre-Board Exam Full Syllabus</p>	DEC	60
6.	<p>2nd Pre-Board Exam Full Syllabus</p>	JAN	60

SUBJECT: MATHEMATICS

Name of the Books:

1. NCERT Mathematics textbook, Part I & II
2. Senior Secondary School Mathematics for Class XII, by R.S. Aggarwal
3. Mathematics Lab Manual class XII, published by NCERT

SL NO.	Name of Chapter	Sub Topics	MONTH
1.	Relations and Functions LEARNING OUTCOMES: Students will be able <ul style="list-style-type: none">● To identify one to one, onto and invertible functions.● To find inverse of a function if it exists.	Types of relations: reflexive, symmetric, transitive and equivalence relations. One to one and onto functions, composite functions, inverse of a function.	April
2.	Matrices LEARNING OUTCOMES: Students will be able <ul style="list-style-type: none">● To add 2 matrices, Expressing matrix as sum of symmetric and skew symmetric matrices.● To find inverse of a matrix by using elementary row transformations	Concept, notation, order, equality, types of matrices, zero and identity matrix, transpose of a matrix, symmetric and skew symmetric matrices. Operation on matrices: Addition and multiplication and multiplication with a scalar. Simple properties of addition, multiplication and scalar multiplication. On- commutativity of multiplication of matrices and existence of non-zero matrices whose product is the zero matrix (restrict to square matrices of order 2) Concept of elementary row and column operations. Invertible matrices and proof of the uniqueness of inverse, if it exists; (Here all matrices will have real entries).	April
3.	Determinants LEARNING OUTCOMES: Students will be able <ul style="list-style-type: none">To find area of triangle.To understand properties to simplify determinants.	Determinant of a square matrix (up to 3 x 3 matrices), properties of determinants, minors, co-factors and applications of determinants in finding the area of a triangle. Adjoint and inverse of a square matrix. Consistency, inconsistency and number of solutions of system of linear equations by examples, solving system of linear	May

	To solve system of equations using matrices.	equations in two or three variables (having unique solution) using inverse of a matrix.	
4.	<p>Inverse Trigonometric Functions</p> <p>LEARNING OUTCOMES:</p> <p>To find inverse values of trigonometric functions</p>	<p>Definition, range, domain, principal value branch. Graphs of inverse trigonometric functions Elementary properties of inverse trigonometric functions.</p>	May
5.	<p>Continuity and Differentiability</p> <p>LEARNING OUTCOMES: Students will be able</p> <ul style="list-style-type: none"> ● To identify points of discontinuity of functions. ● To identify points of non-differentiability of functions. ● To find derivatives of exponential and logarithmic functions. ● To find derivatives of functions in parametric form. 	<p>Concepts on Continuity and differentiability, derivative of composite functions, chain rule, derivative of inverse trigonometric functions, derivative of implicit functions. Concept of exponential and logarithmic functions.</p>	May
6.	<p>Differentiations</p> <p>LEARNING OUTCOMES: Students will be able</p> <ul style="list-style-type: none"> ● To find the derivatives of different types of functions. 	<p>Derivatives of logarithmic and exponential functions. Logarithmic differentiation, derivative of functions expressed in parametric forms. Second order derivatives. Rolle's and Lagrange's Mean Value Theorems (without proof) and their geometric interpretation.</p>	June
7.	<p>Application of Derivatives</p> <p>LEARNING OUTCOMES: Students will be able</p> <ul style="list-style-type: none"> ● To find Rate of change of dependent variable due to change in independent variable. ● To identify increasing and decreasing functions. ● To find equation of tangent and normal at a point on the given curve. ● To find error in a variable due to error in another variable. ● To find approximate values of quantities using derivatives. ● To find maxima and minima points of a function. 	<p>Applications of derivatives: rate of change of bodies, increasing/decreasing functions, tangents and normals, use of derivatives in approximation, maxima and minima (first derivative test motivated geometrically and second derivative test given as a provable tool). Simple problems (that illustrate basic principles and understanding of the subject as well as real-life situations).</p>	July

8.	<p>Integrals</p> <p>LEARNING OUTCOMES: Students will be able</p> <ul style="list-style-type: none"> To solve both indefinite and definite integrals. 	<p>Integration as inverse process of differentiation. Integration of a variety of functions by substitution, by partial fractions and by parts, Evaluation of simple integrals of the following types and problems based on them. Definite integrals as a limit of a sum, Fundamental Theorem of Calculus (without proof). Basic properties of definite integrals and evaluation of definite integrals.</p>	August
9.	<p>Application of Integrals</p> <p>LEARNING OUTCOMES: Students will be able</p> <p>To find Area using integration</p>	<p>Applications in finding the area under simple curves, especially lines, circles/ parabolas/ellipses (in standard form only), Area between any of the two above said curves (the region should be clearly identifiable).</p>	Sept.
10.	<p>Differential Equations</p> <p>LEARNING OUTCOMES: Students will be able</p> <ul style="list-style-type: none"> To identify degree and order of a differential equation. To form differential equation when solution is given. To solve differential equations using variable separable, homogeneous, Linear DE method 	<p>Definition, order and degree, general and particular solutions of a differential equation. Formation of differential equation whose general solution is given. Solution of differential equations by method of separation of variables, solutions of homogeneous differential equations of first order and first degree. Solutions of linear differential equation of the type: $\frac{dy}{dx} + py = q$, where p and q are functions of x or constants. $\frac{dx}{dy} + px = q$, where p and q are functions of y or constants.</p>	Sept.
11.	<p>Vector Algebra</p> <p>LEARNING OUTCOMES: Students will be able</p> <ul style="list-style-type: none"> To find dot product and cross product of 2 vectors. To find Scalar triple product of 3 vectors. To find projection of one vector on another. To analyse vectors if dot product or cross product is zero. 	<p>Vectors and scalars, magnitude and direction of a vector. Direction cosines and direction ratios of a vector. Types of vectors (equal, unit, zero, parallel and collinear vectors), position vector of a point, negative of a vector, components of a vector, addition of vectors, multiplication of a vector by a scalar, position vector of a point dividing a line segment in a given ratio. Definition, Geometrical Interpretation, properties and application of scalar (dot) product of vectors, vector (cross) product of vectors, scalar triple product of vectors.</p>	Oct.
12.	<p>Three-Dimensional Geometry</p>	<p>Direction cosines and direction ratios of a line</p>	Oct. +

	<p>LEARNING OUTCOMES: Students will be able</p> <ul style="list-style-type: none"> To find equation of line in space in Cartesian and vector form. To find equation of plane in Cartesian and vector form. To find angle between 2 lines using DCS. To find distance between 2 lines. To find angle between 2 planes using normal lines. To find distance between a point from a plane. 	<p>joining two points. Cartesian equation and vector equation of a line, coplanar and skew lines, shortest distance between two lines. Cartesian and vector equation of a plane. Angle between (i) two lines, (ii) two planes, (iii) a line and a plane. Distance of a point from a plane.</p>	<p>Nov</p>
13.	<p>Linear Programming</p> <p>LEARNING OUTCOMES: Students will be able</p> <ul style="list-style-type: none"> To find solutions to problems 	<p>Introduction, related terminology such as constraints, objective function, optimization, different types of linear programming (L.P.) problems, mathematical formulation of L.P. problems, graphical method of solution for problems in two variables, feasible and infeasible regions (bounded or unbounded), feasible and infeasible solutions, optimal feasible solutions (up to three non-trivial constraints).</p>	<p>Nov</p>
14.	<p>Probability</p> <p>LEARNING OUTCOMES: Students will be able</p> <ul style="list-style-type: none"> To find probability using conditional probability formula. To identify and solve problem by Bayes' theorem. To find probability distribution of different random variables. To identify and solve problem by using Bernoulli trials, 	<p>Conditional probability, multiplication theorem on probability, independent events, total probability, Bayes' theorem, Random variable and its probability distribution, mean and variance of random variable. Binomial probability distribution.</p>	<p>Dec</p>

**Details of Subject Enrichment Activities
Mathematics (22-23)**

SL NO.	TOPICS	MONTH
1.	To demonstrate a function which is not one-one but is onto.	June
2.	To demonstrate a function which is one-one but not onto.	June

3.	To draw the graph of $\sin^{-1}x$, using the graph of $\sin x$ and demonstrate the concept of mirror reflection (about the line $y = x$).	July
4.	To understand the concepts of absolute maximum and minimum values of a function in a given closed interval through its graph.	July
5.	To verify that amongst all the rectangles of the same perimeter, the square has the maximum area.	Aug
6.	To evaluate the definite integral $\int_a^b (1-x^2) dx$ as the limit of a sum and verify it by actual integration.	Aug
7.	To demonstrate the equation of a plane in normal form.	Sept.
8.	To verify geometrically that $c(a+b) = ca+cb$	Sept.
9.	To explain the computation of conditional probability of a given event A, when event B has already occurred, through an example of throwing a pair of dice.	Oct.
10.	To construct an open box of maximum volume from a given rectangular sheet by cutting equal squares from each corner.	Oct.

**Details of Assessments
Mathematics (22-23)**

	Syllabus	Month	Marks
Benchmark Test I	<ol style="list-style-type: none"> 1. Relations and Functions 2. Matrices 3. Determinants 	MAY	40
Benchmark Test II	<ol style="list-style-type: none"> 1. Inverse Trigonometric Functions 2. Continuity and Differentiability 3. Differentiations 	JUL	40
Mid Term Exam	<ol style="list-style-type: none"> 1. Relations and Functions 2. Matrices 3. Determinants 4. Inverse Trigonometric Functions 5. Continuity and Differentiability 6. Differentiations 7. Application of Derivatives 	SEP	80
Benchmark Test III	<ol style="list-style-type: none"> 1. Application of Derivatives 2. Integrals 3. Application of Integrals 	NOV	40
1st Pre-Board Exam	Full Syllabus	DEC	80
2nd Pre-Board Exam	Full Syllabus	JAN	80

SUBJECT: PHYSICAL EDUCATION

Name of the Books

1. HEALTH & PHYSICAL EDUCATION, Dr V.K. Sharma

SL NO.	Name of chapter(s)/ Topic (S)	MONTH
1.	Unit III Yoga as preventive measures for lifestyle disease. Learning Outcomes: 1.Student have learned that yoga is one of the heritage of India. 2. Students have learned to perform various asana and pranayama. 3.student have learned to identify the asana and use of asana for correct or reducing the effect of diseases .	April
2.	Unit I Management of Sporting events. Learning Outcomes: 1.Students have learned how to make plan of any tournament or for any single activity in their life. 2.students have learned to make different committees and coordinate with these committees. 3.students have learned the importance of physical fitness in our life.	May/June
3.	Unit II: Sports & Nutrition Learning Outcomes: 1.Children have learned the importance of diet in daily life 2. children have learned to identify the nutritive and non nutritive component of diet . 3. Children have learned the harmful effects of disorder in eating in our daily life. 4. children have learned about various diseases which occurs due to irregular eating in our daily life like obesity.	June
4.	Unit IV Physical Education & Sports for CWSN (Children With Special Needs - Divyang) Learning Outcomes: 1.Students have learned to identify the common disabilities and disorder found in human body . 2. students have learned how to make best physical activities for special type of children . 3. students have learned which all the thing to remember while dealing with the normal as well as special Kind of children or people.	July
5.	Unit V Children & Women in Sports Learning Outcomes: 1.Students have learned the basic and motor development of human body.	Aug

	<p>2. students have learned to identify the body posture and correctives measures .</p> <p>3. student have learned the importance of physical activities and yoga in our daily life.</p> <p>4. Students have learned about the present conditions of women participation in sports</p> <p>5. students have learned about all the basic problem which the Indian women are facing during the participating in sports .</p> <p>6. students have learned about the physiological , sociological factors that faced by the Indian women while there are participating in sports.</p>	
6.	<p>Unit VI Test & Measurement in Sports</p> <p>Learning Outcomes:</p> <p>1. Students have learned about the minimum fitness of the body.</p> <p>2. student have learned how to measures the minimum fitness of the human body at different stages of life .</p> <p>3. Student have learned to identify the test which is used to measure which kind of fitness of a person.</p>	Sep
7.	<p>Unit VII Physiology & Injuries in Sports</p> <p>Learning Outcomes:</p> <p>1. Students have learned student have learn the basic physical and physiological differences between male and female..</p> <p>2. students have learned physiological factor determining components of physical fitness.</p> <p>3. students have learned about different body system of human body which is going to help him to maintain proper physical fitness of the body.</p> <p>4. student have learned the effects of exercises on various system of human body by which he or she can maintain the proper body shape and size by regular physical activities according to their body.</p>	Oct/Nov
8.	<p>Unit IX Psychology & Sports</p> <p>Learning Outcomes:</p> <p>1. Students have learned how to groom themselves or present In front of other .</p> <p>2. students have learned to manage the stress level of their own as well as other also ..</p> <p>3. students have learned to utilize their aggression in a positive way which is going to enhance their performance any activities.</p>	Dec
9.	<p>Unit VIII Biomechanics & Sports</p> <p>Learning Outcomes:</p> <p>1. Students have learned how to used different types of laws and principles of biomechanics and kinesiology in our sports field or in our daily life activities .</p> <p>2. students have learned about the muscles of our body and which muscles are responsible for the movement of which part of the body .</p> <p>3. students have learned to apply the laws of biomechanics correctly and in efficient way to perform better in sports or competition.</p>	Jan
10.	<p>Unit X Training in Sports</p> <p>Learning Outcomes:</p> <p>1. students are able to understand about Speed, Strength, Endurance, Flexibility, Coordinative ability.</p> <p>2. students are able to understand about various training methods (Circuit Training method, Continuous training, Interval training, Fartlek training).</p>	Feb

LIST OF ACTIVITIES & ASSESSMENTS
Class XII : (22-23)

SL NO.	Details of Activity	Month	Marks
1.	Name of the activity: Physical Fitness Test (50 m dash, 600 m run, Sit and Reach test, Standing Broad Jump, 4X10 m Shuttle Run, Harvard Step Test, Senior Citizen Test.) Procedure of the above mentioned activities Materials regarding those activities.	APR- JUN	10
2.	Name of the activity: Skills of Games (any one from the syllabus) Rules regulations of Games. Equipment regarding selected Games.	JUL- AUG	10
3.	Name of the activity: Practice of Yogasana. (minimum 10) Procedure of Asanas. Equipments/ Materials regarding Asanas	SEPT /NOV.	10
4.	Name of the activity: BMI Measurement Procedure: simple calculations using a person heights and weight Equipment: stadiometer, weighing machine.	DEC- FEB	10
Details of Assessment			
BENCHMARK TEST I	UNIT- I&III	MAY	40
BENCHMARK TEST II	UNIT- II, IV & V	JULY	40
HALF YEARLY	UNIT- I,II,III, IV, V, VI & VII	SEPT	70
BENCHMARK TEST III	UNIT- VIII, IX & X	NOV	40
PRE BOARD I	FULL SYLLABUS	DEC	70
PRE BOARD II	FULL SYLLABUS	JAN	70

Details of Practicals: PHYSICAL EDUCATION (XII)

Sl. No.	TOPIC	Month
1	<ul style="list-style-type: none"> ● Yoga practice ● Physical fitness test practice 	April
2	<ul style="list-style-type: none"> ● Football ● Yoga practice 	May/ June
3	<ul style="list-style-type: none"> ● Physical fitness test practice ● Football 	June/ July
4	<ul style="list-style-type: none"> ● Yogic practice ● Volleyball practice 	Aug
5	<ul style="list-style-type: none"> ● Kabaddi practice ● Physical fitness test 	Sep
6	<ul style="list-style-type: none"> ● Volleyball practice ● Yogic practice 	Oct
7	<ul style="list-style-type: none"> ● Volleyball practice ● Kho-kho practice 	Nov
8	<ul style="list-style-type: none"> ● Physical fitness test practice ● Yogic practice 	Dec
9	<ul style="list-style-type: none"> ● Basketball practice ● Kabaddi practice 	Jan

SUBJECT: Mass Media Studies

Name of the Books

1. XII MASS MEDIA STUDIES by CBSE

SL NO.	Name of chapter(s)/ Topic (S)	MONTH
1.	<p>Part B–Skills Unit 1: Selling / Marketing/ Exhibiting A Product through Advertising Part A: Employability Skills Unit 1: Communication Skills – IV Learning Outcomes : i) Students would be able to understand the basics of Advertising a product. ii) Students would be able to acquaint them with important aspects of the process of Marketing. iii) Students would be able to develop the knowledge of Selling skills and communication skills. iv) Students would be able to understand the purpose of</p>	April

	Communication Skills and Marketing.	
2.	Part B–Skills Unit 2: Introduction to the Production Process Learning Outcomes : i) Students would be able to acquaint themselves with the process of Production. ii) They would be able to enhance the understanding of basics of Production Process. iii) They would be able to understand the products and its importance.	May
3.	Part B–Skills Unit 3: New Media Part A: Employability Skills Unit 2: Self-management Skills – IV Learning Outcomes : i) Students would be able to understand technology of New media. ii) They would understand the various types of new media and their techniques iii) They would learn the skills of self management. iv) They would understand the techniques of self management.	June
4.	Part B–Skills Unit 4: Creative Contributions of the Key People Part A: Employability Skills Unit 3: Information and Communication Technology Skills – IV Learning Outcomes : i) Students would able to understand the creative techniques. ii) They would understand the communication skills and its various kinds. iii) They would understand the Communication Technology and learn to develop the skills. iv) They would learn the creative ways of the key people.	July - Sept
5.	Part A: Employability Skills Unit 4: Entrepreneurial Skills – IV Unit 5: Green Skills – IV Learning Outcomes : i) Students would able to understand the business ideas and plans ii) They would understand the economical business activities and its effects iii) They would understand the benefits of Business plans and know how to use it as Entrepreneur. iv) They would understand the process of protecting environment	Oct - Dec

LIST OF ACTIVITIES & ASSESSMENTS

Class 12: Mass Media Studies (22-23)

SL NO.	Details of Activity	Month	Marks
	As activities in the subject of Mass Media Studies are contemporary industry based activities, a detailed plan of activities will be announced with the progress of the syllabus and suitable time will be given for the completion of the same.		
	Details of Assessments		
Benchmark Test I	Part B–Skills Unit 1: Selling / Marketing/ Exhibiting A Product through Advertising Part A: Employability Skills Unit 1: Communication Skills – IV	May	35
Benchmark Test II	Part B–Skills Unit 2: Introduction to the Production Process Part A: Employability Skills Unit 1: Communication Skills – IV	July	35
Half Yearly Exam	Part B–Skills Unit 1: Selling / Marketing/ Exhibiting A Product through Advertising Unit 2: Introduction to the Production Process Part A: Employability Skills Unit 1: Communication Skills – IV Unit 2: Self-management Skills – IV	Sept.	70
Benchmark Test III	Part B–Skills Unit 3: New Media Part A: Employability Skills Unit 3: Information and Communication Technology Skills – IV	Nov	35
Pre-Board 1	Whole Syllabus	Dec	70
Pre-Board 2	Whole Syllabus	Jan	70