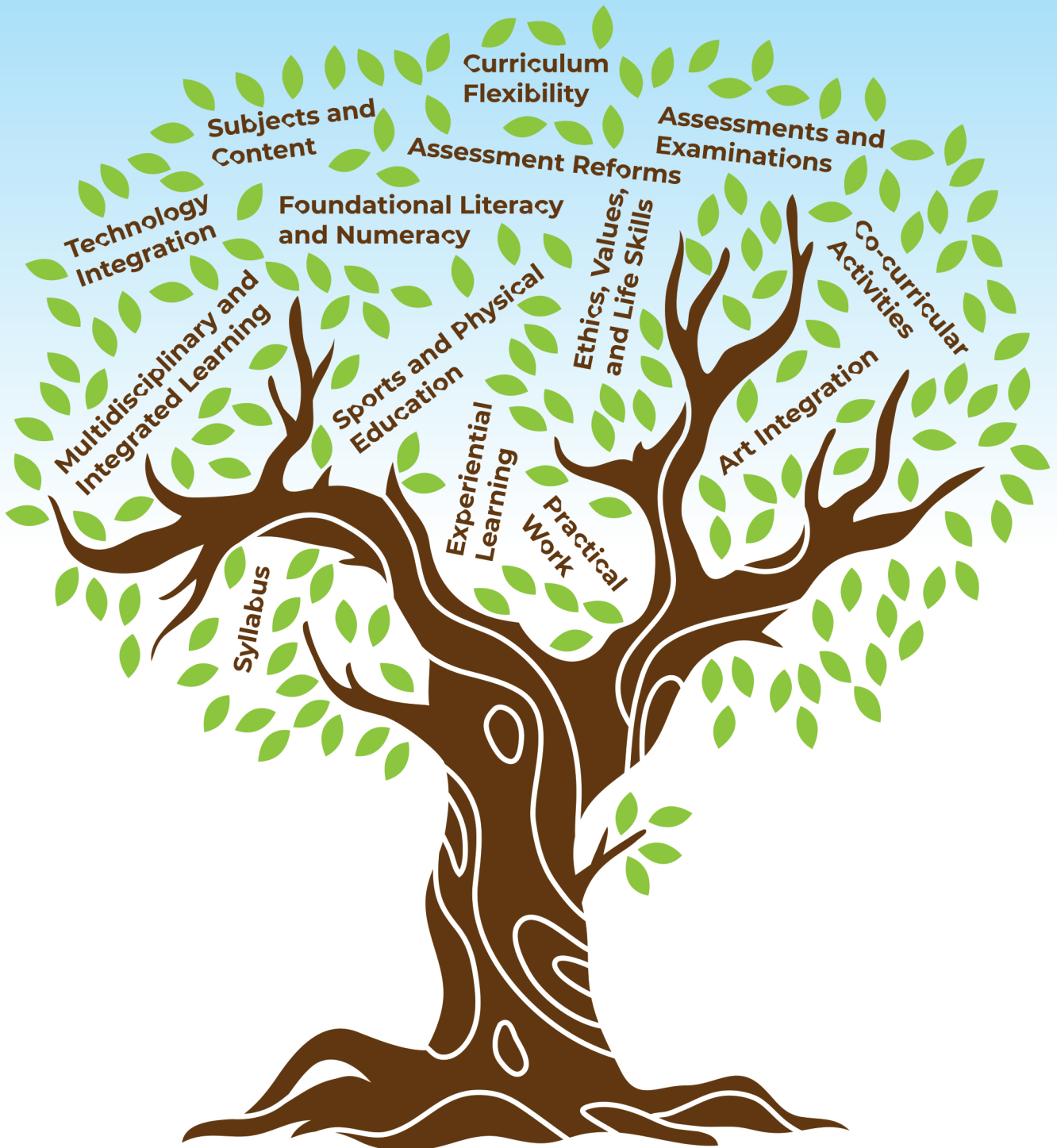# ANNUAL CURRICULUM PLAN 2023-24

Empowering Education

ANNUAL CURRICULUM PLAN | SESSION 2023 - 24

The Annual Curriculum Plan refers to a comprehensive document or outline that provides a structured overview of the educational content and activities to be covered throughout an academic year. It serves as a roadmap for teachers, administrators, and educational institutions to ensure a coherent and balanced delivery of the curriculum.

Objectives of the ACP

1. **Learning Objectives**: This plan includes specific learning objectives for each subject or topic. These objectives define what students are expected to know, understand, and be able to do by the end of the year.

2. **Content Outline**: It provides a breakdown of the content to be covered in each subject area. This may include subtopics, chapters, or units to be addressed during different periods of the academic year.

3. **Assessment and Evaluation**: It specifies assessment methods, such as tests, projects, or presentations that will be used to evaluate student progress and understanding. It may also include information about grading criteria and the frequency of assessments.

4. **Integration and Interdisciplinary Connections**: In some cases, it will highlight opportunities for integrating subjects or making interdisciplinary connections. This promotes a holistic and interconnected approach to learning.

5. It serves as a guiding document for teachers; helping them stay organised and focused throughout the academic year. It provides a framework for instructional planning, content delivery, and assessment, ensuring a consistent and well-rounded educational experience for students.

6. **Resources and Materials**: It also includes the list of the textbooks, supplementary materials, and resources needed for effective teaching and learning. It ensures that teachers have access to appropriate resources to support the curriculum.

Objectives | CBSE Curriculum

1. It aims to provide a comprehensive and holistic educational experience to students.

2. **Child-Centric Approach**: The CBSE curriculum places the student at the centre of the learning process. It recognizes the individuality, abilities, and interests of each student and aims to cater to their unique needs. The curriculum promotes student engagement, critical thinking, and overall development.

3. **Learning Outcomes**: The CBSE curriculum focuses on clearly defined learning outcomes. It specifies the knowledge, understanding, skills, and attitudes that students should acquire at each grade level. Learning outcomes help in setting clear expectations and provide a framework for teaching, learning, and assessment.

4. **Interdisciplinary Approach**: The CBSE curriculum encourages an interdisciplinary approach, integrating knowledge and skills from multiple subjects. It emphasizes connections between different subjects, promoting a holistic understanding of concepts and their real-world applications.

5. **Life Skills and Values**: CBSE places significant importance on the development of life skills and values among students. The curriculum includes components that aim to cultivate values such as honesty, empathy, respect, and responsible citizenship. It also focuses on developing essential life skills such as communication, critical thinking, problem-solving, and collaboration.

6. **Inclusion and Diversity**: CBSE curriculum promotes inclusivity and caters to the diverse needs of students. It recognizes the importance of providing equal opportunities and adapting teaching and assessment strategies to accommodate learners with different abilities, backgrounds, and learning styles.

Examination Details | Session 2023 - 24

Examination Schedule

Examination	Tentative Timeline (Exam Starts)	Tentative Timeline (Exam Ends)
Mid Term	7th Oct, 2023	18th Oct, 2023
Periodic Assessment	1st Dec, 2023	7th Dec, 2023
Annual Examination	16th Feb, 2024	1st March, 2024

The Examination Schedule is tentative & subjected to change depending upon the external factors. If there will be any changes in the schedule/portion, it will be notified well before the examination by the School.

Marks & Weightage

Subject	Mid Term- Full Marks - 70/80 Time - 3 hours	Periodic Assessment- Full Marks - 20 Time - 45 Minutes	Annual- Full Marks - 70/80 Time - 3 hours
Accountancy Business Studies Economics Entrepreneurship Mathematics Physical Education	- Pen & Paper Test: 70 or 80 Marks depending upon the subject	- Pen & Paper Test: 20 Marks	- Theory: 70 or 80 Marks depending upon the subject.

Examination Portion

English –

Mid Term	Periodic Assessment - 2	Annual

1. Hornbill: English Reader published by National Council of Education Research and Training, New Delhi
   The Portrait of a Lady (Prose)
   A Photograph (Poem)
   "We're Not Afraid to Die… if We Can All be Together
   Discovering Tut: the Saga Continues
   The Laburnum Top (Poem)
   The Voice of the Rain (Poem)
   Childhood (Poem)
2. Snapshots: Supplementary Reader published by National Council of Education Research and Training, New Delhi
   The Summer of the Beautiful White Horse (Prose)
   The Address (Prose)
3. Grammar-
   Tenses
   Clauses
4. Writing Skills
   Advertisement
   Poster Making
	1. Hornbill: English Reader published by National Council of Education Research and Training, New Delhi
	   Father to Son
	2. Snapshots: Supplementary Reader published by National Council of Education Research and Training, New Delhi.
	   Mother's Day (Play)
	3. Grammar-
	   Modals
	4. Writing Skills
	   Advertisement
	   Debate Writing
		1. Hornbill: English Reader published by National Council of Education Research and Training, New Delhi
		   The Portrait of a Lady (Prose)
		   A Photograph (Poem)
		   "We're Not Afraid to Die… if We Can All be Together
		   The Laburnum Top (Poem)
		   The Voice of the Rain (Poem)
		   Childhood (Poem)
		   The Adventure
		   Silk Road (Prose)
		   Father to Son
		2. Snapshots: Supplementary Reader published by National Council of Education Research and Training, New Delhi.
		   The Address (Prose)
		   Mother's Day (Play)
		   Birth (Prose)
		   The Tale of Melon City
		3. Grammar-
		   Tenses
		   Clauses
		   Modals

Mid Term	Periodic Assessment - 2	Annual
5. INTERNAL ASSESSMENT Assessment of Listening Skills - 05 marks. Assessment of Speaking Skills – 05 Marks Project Work - 10 Marks		4. Writing Skills Advertisement Poster Making Speech Writing Debate Writing 5. INTERNAL ASSESSMENT Assessment of Listening Skills - 05 marks. Assessment of Speaking Skills – 05 Marks Project Work - 10 Marks

Accountancy –

Mid Term	Periodic Assessment - 2	Annual
Introduction to Accounting: Theory Base of Accounting: Recording of Transactions: I Recording of Transactions: I Bank Reconciliation Statement: Trial Balance	Rectification of Errors: Depreciation, Provisions, and Reserves: Financial Statements of Sole Proprietorship: I Without Adjustments	Introduction to Accounting: Theory Base of Accounting: Recording of Transactions: I Recording of Transactions: I Bank Reconciliation Statement: Trial Balance and Rectification of Errors: Depreciation, Provisions, and Reserves: Financial Statements of Sole Proprietorship: I Financial Statements of Sole Proprietorship: II Incomplete Records

Business Studies –

Mid Term	Periodic Assessment - 2	Annual
Nature and purpose of business Forms of Business Organizations Public, Private and Global Enterprises Business services Emerging modes of business Social Responsibilities of business and business ethics Formation of a company	Sources of Business Finance MSME and Business Entrepreneurship	Nature and purpose of business Forms of Business Organizations Public, Private and Global Enterprises Business services Emerging modes of business Social Responsibilities of business and business ethics Formation of a company Sources of Business Finance MSME and Business Entrepreneurship Internal Trade International Trade

Economics –

Mid Term	Periodic Assessment - 2	Annual
Statistics for Economics Introduction Collection, Organization and Presentation of Data Introductory Microeconomics Consumer's Equilibrium and demand	Statistical tools and interpretation. Producer Behavior and Supply	Statistics for Economics Introduction Collection, Organization and Presentation of Data Statistical tools and interpretation Introductory Microeconomics Consumer's Equilibrium and demand Producer Behavior and Supply Forms of Market and determination under perfect competition with simple applications.

Entrepreneurship –

Mid Term	Periodic Assessment - 2	Annual
Entrepreneurship- concept and functions An entrepreneur Entrepreneurial journey	Entrepreneurship as innovation and problem solving Concept of market	Entrepreneurship- concept and functions An entrepreneur Entrepreneurial journey Entrepreneurship as innovation and problem solving Concept of market Business finance and arithmetic Resource mobilization

Mathematics –

Mid Term	Periodic Assessment - 2	Annual
Sets Relations & Functions Trigonometric Functions Complex Numbers and Quadratic Equations Linear Inequalities Permutations and Combinations Binomial Theorem Sequence and Series	Straight Lines	Sets Relations & Functions Trigonometric Functions Complex Numbers and Quadratic Equations Linear Inequalities Permutations and Combinations Binomial Theorem Sequence and Series Straight Lines Conic Sections Introduction to Three-dimensional Geometry Limits and Derivatives Statistics Probability

Physical Education –

Mid Term	Periodic Assessment - 2	Annual
Changing Trends and Career in Physical Education. Olympic Value Education Yoga Physical Education and Sports for Children with Special Needs. Physical Fitness, Wellness, and lifestyle. Test, Measurement and Evaluation	Fundamentals of Anatomy, Physiology in Sports. Fundamentals of Kinesiology and Biomechanics in Sports.	Changing Trends and Career in Physical Education. Olympic Value Education Yoga Physical Education and Sports for Children with Special Needs. Physical Fitness, Wellness, and lifestyle. Test, Measurement and Evaluation Fundamentals of Anatomy, Physiology in Sports. Fundamentals of Kinesiology and Biomechanics in Sports. Psychology and Sports Training and doping in Sports.

Blueprint & Learning Outcomes | Session 2023 - 24

Subject - English

Prescribe Books:-

1. Text Book for Class XI Part – I: **(HORNBILL)** NCERT
2. Text Book for Class XI Part – II: **(SNAPSHOTS)** NCERT

(A) Blueprint

(i) Mid Term Examination –

Chapters	Mark Distribution				
	1 Mark	3 Marks	5 Marks	6 Marks	Total
Reading Skills:- The passage may be factual, descriptive or literary.	10	--	--	--	10
Case-based factual passage with verbal/visual inputs like statistical data, charts etc.	8	--	--	--	8
Note Making	--	--	1	--	5
Summarization	--	1	--	--	3
Grammar and Creative Writing Skills Questions on Gap filling (Tenses, Clauses) (4 out of 5)	7	--	--	--	7
Questions on re-ordering/transformation of sentences (3 out of 4)	6	--	--	--	6
Classified Advertisements	--	--	1(OR)	--	5
Poster	--	--	1(OR)	--	5
Literature Text Book and Supplementary Reading Text: One Poetry extract out of two (Hornbill)	3 (OR)	--	--	--	3
One Prose extract out of two(Hornbill)	3 (OR)	--	--	--	3
One Prose extract out of two(Snapshots)	4 (OR)	--	--	--	4
Two Short answer type questions (one from Prose and one from Poetry, from the book Hornbill), out of four, to be answered in 40-50 words. Questions should elicit inferential responses through critical thinking.	--	2	--	--	6
One Short answer type question, from the book Snapshots, to be answered in 40- 50 words. Questions should elicit inferential responses through critical thinking. One out of two questions to be done.	--	1	--	--	3

CHANGING YOUR TOMORROW

Chapters	Mark Distribution				
	1 Mark	3 Marks	5 Marks	6 Marks	Total
One Long answer type question, from Prose/Poetry of Hornbill, to be answered in 120-150 words. Questions can be based on incident /theme /passage /extract /event, as reference points to assess extrapolation beyond and across the text. The question will elicit analytical and evaluative response from the student. Any one out of two questions to be done.	--	--	--	1(OR)	6
One Long answer type question, based on the chapters from the book Snapshots, to be answered in 120-150 words, to assess global comprehension and extrapolation beyond the text. Questions to provide analytical and evaluative responses, using incidents, events, themes, as reference points. Any one out of two questions to be done.	--	--	--	1(OR)	6
Internal Assessment					
Listening-5 Marks	--	--	1	--	5
Speaking-5 Marks	--	--	1	--	5
Project Work-10 Marks	--	--	2	--	10
Total	**41 (1)**	**4 (3)**	**7 (5)**	**2 (6)**	**100**

(ii) Periodic Assessment 2 –

Chapters	Mark Distribution				
	1 Mark	2 Marks	4 Marks	6 Marks	Total
Grammar: Do as directed (Modals)	4	--	--	--	4
Creative Writing Skills: Short writing task – Classified Advertisements,	--	--	1	--	4
Long writing task – Debate Writing	--	--	--	1	6
Literature Text Book and Supplementary Reading Text: Short answer type questions out of four (from the book Hornbill& Snapshots)	--	3	--	--	6
Total	4 (1)	3 (2)	1 (4)	1 (6)	20

(iii) Annual Examination –

Chapters	Mark Distribution				
	1 Mark	3 Marks	5 Marks	6 Marks	Total
Reading Skills:- The passage may be factual, descriptive or literary.	10	--	--	--	10
Case-based factual passage with verbal/visual inputs like statistical data, charts etc.	8	--	--	--	8
Note Making	--	--	1	--	5
Summarization	--	1	--	--	3

Chapters	Mark Distribution				
	1 Mark	3 Marks	5 Marks	6 Marks	Total
Grammar and Creative Writing Skills Questions on Gap filling (Tenses, Clauses) (4 out of 5)	4	--	--	--	4
Questions on re-ordering/transformation of sentences (3 out of 4)	3	--	--	--	3
Classified Advertisements	--	1(OR)	--	--	3
Poster	--	1(OR)	--	--	3
Speech	--	--	1(OR)	--	5
Debate	--	--	1(OR)	--	5
Literature Text Book and Supplementary Reading Text: One Poetry extract out of two (Hornbill)	3 (OR)	--	--	--	3
One Prose extract out of two(Hornbill)	3 (OR)	--	--	--	3
One Prose extract out of two(Snapshots)	4 (OR)	--	--	--	4
Two Short answer type questions (one from Prose and one from Poetry, from the book Hornbill), out of four, to be answered in 40-50 words. Questions should elicit inferential responses through critical thinking.	--	2	--	--	6
One Short answer type question, from the book Snapshots, to be answered in 40- 50 words. Questions should elicit inferential responses through critical thinking. One out of two questions to be done.	--	1	--	--	3
One Long answer type question, from Prose/Poetry of Hornbill, to be answered in 120-150 words. Questions can be based on incident / theme / passage / extract / event, as reference points to assess extrapolation beyond and across the text. The question will elicit analytical and evaluative response from the student. Any one out of two questions to be done.	--	--	--	1(OR)	6
One Long answer type question, based on the chapters from the book Snapshots, to be answered in 120-150 words, to assess global comprehension and extrapolation beyond the text. Questions to provide analytical and evaluative responses, using incidents, events, themes, as reference points. Any one out of two questions to be done.	--	--	--	1(OR)	6
Internal Assessment					
Listening-5 Marks	--	--	1	--	5
Speaking-5 Marks	--	--	1	--	5
Project Work-10 Marks	--	--	2	--	10
Total	**35 (1)**	**6 (3)**	**7 (5)**	**2 (6)**	**100**

(B) Learning Outcomes

Name of the Chapter	Learning Outcomes
The Portrait Of A Lady (Hornbill)	The students will be able :- To develop an independent attitude in thought and action. To accept and manage the situations with patience and tolerance. To know the expressions used in the lesson and their usage. To know the sacrifices and support given by the grandparents in the family.
A Photograph (Hornbill)	The students will be able to :- Understand the importance of human relationship. Understand the nostalgic experiences of the past. Understand that the moments of life have been permanently etched in the poet's mind with a feeling of eternal loss. Understand that death is imminent and human life is mortal.
The Summer Of The Beautiful White Horse (Snapshotes)	The students will be able to :- Enjoy a humorous piece of prose. Inculcate values like honesty, trust, and responsibility. Deal with the temperament of different family members to create a bond. Be generous towards animals.
Determiners	The students will be able to :- Know that a determiner appears before a noun (and its adjectives) to help us identify which person or thing the sentence is about, or how much or how many of them there are Identify determiners within sentences Use determiners accurately within sentences
Notemaking And Summarizing	The students will be able to :- Guide and motivate students to express and write effectively. Develop knowledge and purpose of writing Develop knowledge and purpose to design a Poster. Awareness of the form, content and process of writing. Able to retain a data and information. Organize ideas on a particular subject. Practice to enhance the skills. Create social awareness. Design the poster with appropriate expressions and vocabulary.
We are not afraid to die…(hornbill)	The students will be able to :- Learn the parts of ship and different terms/words related to voyage. Realise that hazardous experience teaches one to face the adverse circumstances with courage.

Name of the Chapter	Learning Outcomes
	Understand that presence of mind along with the practical knowledge is important to take instant decisions. Know that determination and self-confidence can conquer adverse circumstances. Inculcate values of sharing, caring and responsibility.
The Laburnum Top(Hornbill)	The students will be able to :- Know about the poet and his contribution. Understand various sound words mentioned in the poem. Identify the rhyme scheme. Enjoy the beauty of nature. Face the hardships in life. Understand love and sacrifice of the mother for children.
The Address (Hornbill)	The students will be able to :- Realise and analyse the situations and take appropriate decisions. Be optimistic in difficult situations. Appreciate the theme and the message conveyed. Understand that war destroys life and peace restores everything. Understand the family bonding and relations. Show sympathetic attitude to war victims or the sufferers. To forget the past and move ahead in life.
Tenses	The students will be able to :- Identify the different action words. Distinguish between verb tenses. Relate forms of actions to the time of happening. Choose correct form of verb as per the time of happening of the event. Use different forms of verbs according to time.
The Voice Of The Rain (Hornbill)	The students will be able to :- Inculcate values like care and concern to save the environment. Develop imaginative and analytical skills. Realise the importance of saving natural resources. Understand the process of sustainable development. Appreciate the poetic beauty and learn the poetic devices.
Clauses	The students will be able to :- Identify the independent and dependent clauses from each of the given sentences. List the features of dependent and independent clauses. Identify the functions of clauses in specific sentences. Examine the placement of clauses in a sentence pattern.

Name of the Chapter	Learning Outcomes
Notice Writing	The students will be able to :- Express and write effectively. - Awareness of the form, content and process of writing. Get knowledge of the purpose and importance of writing a notice. Write in formal tone, to be precise and to the point. Write with appropriate vocabulary and expressions. Express their ideas by writing the skill.
Classified Advertisement	The students will be able to :- Develop knowledge and purpose of writing Advertisements. Develop awareness of the form, content and process of writing. Retain the data and information. Organize ideas on a particular subject. Practice to enhance the skill. Create social awareness. Understand and recollect the format of advertisements. Write with appropriate expressions and vocabulary. Link ideas on various topics on advertisement. Use appropriate expressions while writing the skills.
Childhood (Hornbill)	The students will be able to :- Accept differences, understand people. Value childhood and freedom. Develop individuality and sense of freedom. Treasure innocence of childhood Understand individuality, rationalism and hypocrisy To think rationally and show maturity.
Discovering Tut (Hornbill)	The students will be able to :- Understand the meaning and usage of phrases like resurrection, circumvented, computed Tomography, scudded across etc Understand the advancement in technology. Know about Egyptian belief of mummification. Have the historical knowledge about King Tut's family line. Know about pyramids and their history Know how archaeology has changed in the intervening decades.
Mother's Day (Snapshots)	The students will be able to :- Imbibe values like care and concern, empathy, compassion, respect for elders, belongingness and tolerance. Understand the struggles and sacrifices of parents and to draw inspiration from them. Accept the members of the family without complaining.

Name of the Chapter	Learning Outcomes
	Realise the worth of sacrifice and struggles of parents. To know that mothers have equal rights to enjoy their lives and deserve acknowledgement and appreciation.
Poster Writing	The students will be able to :- Guide and motivate students to express and write effectively. Develop knowledge and purpose to design a Poster. Awareness of the form, content and process of writing. Able to retain a data and information. Organize ideas on a particular subject. Practice to enhance the skills. Create social awareness. Design the poster with appropriate expressions and vocabulary.
Father To Son (Hornbill)	The students will be able to :- Understand consequences of lack of communication and cold indifferences in a family. Understanding the bonding with family members. Resolve conflicts with patience. Handle criticism and to take initiative for making up the loss. Communicate with family members and share joys and sorrows. To look into their own behaviour and mend their ways to develop a healthy relationships.
The Adventure (Hornbill)	The students will be able to :- Know the blend of physics and history to feel in the imaginary world. Know the impact of Time Travel. Feel the difference between reality and fantasy. Know the value of science fiction.
Speech Writing	The students will be able to :- Guide and motivate students to express and write effectively. Develop knowledge and purpose of writing the skills. Awareness of the form, content and process of writing. Develop knowledge and purpose of writing an article and speech. Able to retain a data and information. Organize ideas on a particular subject. Practice to enhance the skills. Create social awareness. Understand and recollect the formats Write with appropriate expressions and vocabulary. Link ideas and write speech and debate. Use proverbs, phrasal words and idiomatic expressions while writing the skills.

Name of the Chapter	Learning Outcomes
Silk Road (Hornbill)	The students will be able to :- Understand as to how to face and deal challenging situations and come up with an appropriate solution for the same. Understand that the narrator's bitter experience of Hor came as a stark contrast to accounts he had read of earlier travelers. Analyse the trip to be adventurous. Praise and appreciate the dull but small town. realise that people could work as a team to be successful. Understand that the author thought that his positive thinking strategy will work.
Letter To School Authorities	The students will be able to :- Know the Format, Content and Expression of letter writing. Know the main theme to communicate in the letter. Apply the correct grammatical knowledge. Learn the apt vocabulary and phrases to enrich the letter. Apply the proper style and arrangement of tone of language.
Birth (Snapshots)	The students will be able to :- Understand the responsibilities of a doctor. Value commitment, care and concern. Be positive and confident in adverse situations. 4. Never lose hope. Stress more on practical knowledge instead of theoretical. Be faithful to one's profession.
The Tale Of Melon City (Snapshots)	The students will be able to :- Be aware of different situations and dealing them well. Realise that peace and liberty are the two strong factors for a state to flourish. Able to understand that the rulers of the state should be judicious and sensitive to the needs of the people. To understand that the ruler of the state must understand the problems and needs of the people. 5. Be able to understand that the simplest way to maintain peace and liberty in a state is by following the principles of laissez-faire.

Subject – Accountancy

Prescribe Books:-

1. Accountancy Class XI: D.K.Goel, APC Publication
2. Double Entry Book Keeping Class XI: T.S.Grewal, S.Chand Publication
3. Accountancy Financial Accounting Part – I & Part – II Class XI: NCERT

(A) Blueprint

(i) Mid Term Examination –

Chapters	Mark Distribution				
	1 Mark	3 Marks	4 Marks	6 Marks	Total
Introduction to Accounting:	3	1	--	1	12
Theory Base of Accounting:	4	1	--	--	7
Recording of Transactions: I	3	2	1	2	25
Recording of Transactions: I	3	1	1	1	16
Bank Reconciliation Statement:	3	1	1	--	10
Trial Balance	4	--	--	1	10
Total	**20 (1)**	**6 (3)**	**3 (4)**	**5 (6)**	**80**

(ii) Periodic Assessment 2 –

Chapters	Mark Distribution				
	1 Mark	3 Marks	4 Marks	6 Marks	Total
Rectification of Errors:	1	1	1	--	8
Depreciation, Provisions, and Reserves:	1	--	--	1	7
Financial Statements of Sole Proprietorship: I Without Adjustments	2	1	--	--	5
Total	**4 (1)**	**2 (3)**	**1 (4)**	**1 (6)**	**20**

(iii) Annual Examination –

Chapters	Mark Distribution				
	1 Mark	3 Marks	4 Marks	6 Marks	Total
Introduction to Accounting:	3	1	--	1	12
Theory Base of Accounting:	2	1	--	1	11
Recording of Transactions: I	2	--	1	--	6
Recording of Transactions: I	2	1	--	--	5
Bank Reconciliation Statement:	2	--	1	1	12
Trial Balance and Rectification of Errors:	2	1	1	--	9
Depreciation, Provisions, and Reserves:	2	--	--	1	8
Financial Statements of Sole Proprietorship: I	1	1	--	--	4

Chapters	Mark Distribution				
	1 Mark	3 Marks	4 Marks	6 Marks	Total
Financial Statements of Sole Proprietorship: II	3	--	--	1	9
Incomplete Records	1	1	--	--	4
Total	**20 (1)**	**6 (3)**	**3 (4)**	**5 (6)**	**80**

(B)   Learning Outcomes

Name of the Chapter	Learning Outcomes
Introduction to Accounting	Describe the meaning, significance, objectives, advantages and limitations of Accounting in the modern economic environment with varied types of business and non-business economic entities. Identify / recognise the individual(s) and entities that use accounting information for serving their needs of decision making. Explain the various terms used in accounting and differentiate between different related terms like current and non-current, capital and revenue. Give examples of terms like business transaction, liabilities, assets, expenditure and purchases. Explain that sales/purchases include both cash and credit sales/purchases relating to the accounting year. Differentiate among income, profits and gains.
Theory Base of Accounting	State the meaning of fundamental accounting assumptions and their relevance in accounting. Describe the meaning of accounting assumptions and the situation in which an assumption is applied during the accounting process. Explain the meaning, applicability, objectives, advantages and limitations of accounting standards. Appreciate that various accounting standards developed nationally and globally are in practice for bringing parity in the accounting treatment of different items. Acknowledge the fact that recording of accounting transactions follows double entry system. Explain the bases of recording accounting transaction and to appreciate that accrual basis is a better basis for depicting the correct financial position of an enterprise. Explain the meaning, advantages and characteristic of GST.
Recording of Business Transactions	Explain the concept of accounting equation and appreciate that every transaction affects either both the sides of the equation or a positive effect on one item and a negative effect on another item on the same side of accounting equation.

Name of the Chapter	Learning Outcomes
	Explain the effect of a transaction (increase or decrease) on the assets, liabilities, capital, revenue and expenses.
	Appreciate that on the basis of source documents, accounting vouchers are prepared for recording transaction in the books of accounts.
	Develop the understanding of recording of transactions in journal and the skill of calculating GST.
	Explain the purpose of maintaining a Cash Book and develop the skill of preparing the format of different types of cash books and the method of recording cash transactions in Cash book.
	Describe the method of recording transactions other than cash transactions as per their nature in different subsidiary books.
Bank Reconciliation Statement	Appreciate that at times bank balance as indicated by cash book is different from the bank balance as shown by the pass book / bank statement and to reconcile both the balances, bank reconciliation statement is prepared.
	Develop understanding of preparing bank reconciliation statement.
	Appreciate that for ascertaining the position of individual accounts, transactions are posted from subsidiary books and journal proper into the concerned accounts in the ledger and develop the skill of ledger posting.
Trial balance and Rectification of Errors	State the need and objectives of preparing trial balance and develop the skill of preparing trial balance.
	Appreciate that errors may be committed during the process of accounting.
	Understand the meaning of different types of errors and their effect on trial balance.
	Develop the skill of identification and location of errors and their rectification and preparation of suspense account.
Depreciation, Provisions and Reserves	Explain the necessity of providing depreciation and develop the skill of using different methods for computing depreciation.
	Understand the accounting treatment of providing depreciation directly to the concerned asset account or by creating provision for depreciation account.
	Appreciate the method of asset disposal through the concerned asset account or by preparing asset disposal account.
	Appreciate the need for creating reserves and also making provisions for events which may belong to the current year but may happen in next year.
	Appreciate the difference between reserve and reserve fund.

Name of the Chapter	Learning Outcomes
Financial Statements	State the meaning of financial statements the purpose of preparing financial statements. State the meaning of gross profit, operating profit and net profit and develop the skill of preparing trading and profit and loss account. Explain the need for preparing balance sheet. Understand the technique of grouping and marshalling of assets and liabilities. appreciate that there may be certain items other than those shown in trial balance which may need adjustments while preparing financial statements. Develop the understanding and skill to do adjustments for items and their presentation in financial statements like depreciation, closing stock, provisions, abnormal loss etc. Develop the skill of preparation of trading and profit and loss account and balance sheet.
Incomplete Records	State the meaning of incomplete records and their uses and limitations Develop the understanding and skill of computation of profit/loss using the statement of affairs method.

Subject – Business Studies

Prescribe Books:-

1.   Business Studies Text Book for Class XI   : NCERT.
2.   Business Studies Text Book for Class XI   : Poonam Gandhi, V.K. Publication.
3.   Business Studies Test Book for Class XI   : Vijay Kapur and Sandhita Purbi, S.Chand Publication.
4.   Business Studies Test Book for Class XI   : Sandeep Garg, Dhanpat Rai Publication.
5.   Business Studies Test Book for Class XI   : Alka Dhawan, APC Publication.

(A)   Blueprint

(i)   Mid Term Examination -

Chapters	Mark Distribution				
	1 Mark	3 Marks	4 Marks	6 Marks	Total
Nature and purpose of business	3	--	1	1	13
Forms of Business Organizations	3	1	--	1	12
Public, Private and Global Enterprises	3	1	1	1	16
Business services	3	1	--	--	06
Emerging modes of business	3	1	1	1	16
Social Responsibilities of business and business ethics	3	1	--	--	06
Formation of a company	2	1	--	1	11
Total	**20 (1)**	**6 (3)**	**3 (4)**	**5 (6)**	**80**

(ii) Periodic Assessment 2 -

Chapters	Mark Distribution				
	1 Mark	3 Marks	4 Marks	6 Marks	Total
Sources of Business Finance	2	1	--	1	11
MSME and Business Entrepreneurship	2	1	1	--	09
Total	**4 (1)**	**2 (3)**	**1 (4)**	**1 (6)**	**20**

(iii) Annual Examination -

Chapters	Mark Distribution				
	1 Mark	3 Marks	4 Marks	6 Marks	Total
Nature and purpose of business	2	1	--	--	5
Forms of Business Organizations	2	1	--	1	11
Public, Private and Global Enterprises	2	1	--	--	5
Business services	2	1	1	--	9
Emerging modes of business	4	--	--	--	4
Social Responsibilities of business and business ethics	2	--	1	--	6
Sources of Business Finance	2	--	1	1	12
MSME and Business Entrepreneurship	4	--	1	--	8
Internal Trade	--	--	1	1	10
International Trade	--	--	1	1	10
Total	**20 (1)**	**4 (3)**	**6 (4)**	**4 (6)**	**80**

(B) Learning Outcomes

Name of the Chapter	Learning Outcomes
Evolution and Fundamentals of Business	To acquaint the History of Trade and Commerce in India. Understand the meaning of business with special reference to economic and non-economic activities. Discuss the characteristics of business. Understand the concept of business, profession and employment. Differentiate between business, profession and employment. Appreciate the economic and social objectives of business. Examine the role of profit in business. Understand the broad categories of business activities- industry and commerce. Describe the various types of industries. Discuss the meaning of commerce, trade and auxiliaries to trade. Discuss the meaning of different types of trade and auxiliaries to trade.

Name of the Chapter	Learning Outcomes
	Examine the role of commerce trade and auxiliaries to trade. Understand the concept of risk as a special characteristic of business. Examine the nature and causes of business risks.
Forms of Business organizations	List the different forms of business organizations and understand their meaning. Identify and explain the concept, merits and limitations of Sole Proprietorship. Identify and explain the concept, merits and limitations of a Partnership firm. Understand the types of partnership on the basis of duration and on the basis of liability. State the need for registration of a partnership firm. Discuss types of partners –active, sleeping, secret, nominal and partner by estoppels. Understand the concept of Hindu Undivided Family Business. Identify and explain the concept, merits and limitations of Cooperative Societies. Understand the concept of consumers, producers, marketing, farmers, credit and housing cooperatives. Identify and explain the concept, merits and limitations of private and public companies. Understand the meaning of one Person Company. Distinguish between a private company and a public company. Highlight the stages in the formation of a company. Discuss the important documents used in the various stages in the formation of a company. Distinguish between the various forms of business organizations. Explain the factors that influence the choice of a suitable form of business organization.
Public, Private and Global Enterprises	Develop an understanding of Public sector and private sector enterprises Identify and explain the features, merits and limitations of different forms of public sector enterprises Develop an understanding of global enterprises, public private partnership by studying their meaning and features.
Business Services	Understand the meaning and types of business services. Discuss the meaning and types of Business service Banking Develop an understanding of difference types of bank account. Develop an understanding of the different services provided by banks

Name of the Chapter	Learning Outcomes
	Recall the concept of insurance
	Understand Utmost Good Faith, Insurable Interest, Indemnity, Contribution, Doctrine of Subrogation and Cause Proximal as principles of insurance
	Discuss the meaning of different types of insurance-life, health, fire, marine insurance.
	Understand the utility of different telecom services
Emerging Modes of Business	Give the meaning of e-business.
	Discuss the scope of e-business.
	Appreciate the benefits of e business
	Distinguish e-business from traditional business.
Social Responsibility of Business and Business Ethics	State the concept of social responsibility.
	Examine the case for social responsibility.
	Identify the social responsibility towards different interest groups.
	Appreciate the role of business in environment protection.
	State the concept of business ethics.
	Describe the elements of business ethics.
Sources of Business Finance	State the meaning, nature and importance of business finance.
	Classify the various sources of funds into owners' funds.
	State the meaning of owners' funds.
	State the meaning of borrowed funds.
	Discuss the concept of debentures, bonds, loans from financial institutions and commercial banks,
	Trade credit and inter corporate deposits.
	Distinguish between owners' funds and borrowed funds.
Small Business and Enterprises	Understand the concept of Entrepreneurship Development (ED), Intellectual Property Rights
	Understand the meaning of small business
	Discuss the role of small business in India
	Appreciate the various Government schemes and agencies for development of small scale industries. NSIC and DIC with special reference to rural, backward area.
Internal Trade	State the meaning and types of internal trade.
	Appreciate the services of wholesalers and retailers.
	Explain the different types of retail trade.
	Highlight the distinctive features of departmental stores, chain stores and mail order business.
	Understand the concept of GST
International Trade	Understand the concept of international trade.
	Describe the scope of international trade to the nation and business firms.

Name of the Chapter	Learning Outcomes
	State the meaning and objectives of export trade. Explain the important steps involved in executing export trade. State the meaning and objectives of import trade. Discuss the important steps involved in executing import trade. Develop an understanding of the various documents used in international trade. Identify the specimen of the various documents used in international trade. Highlight the importance of the documents needed in connection with international trade transactions State the meaning of World Trade Organization. Discuss the objectives of World Trade Organization in promoting international trade.

Subject – Economics

Prescribe Books:-

1. Introductory Micro Economics (XI) : Sandeep Garg, Dhanpat Rai Publication
2. Statistics for Economics (XI)   : Sandeep Garg, Dhanpat Rai Publication
3. Introductory Micro Economics (XI) : NCERT
4. Statistics for Economics (XI)   : NCERT
5. Introductory Micro Economics (XI) : T.R.Jain and V.K.Ohri, V.K. Publication
6. Statistics for Economics (XI)   : T.R.Jain and V.K.Ohri, V.K. Publication
7. Statistics for Economics (XI)   : A.P.C, Arya Publication.

(A)   Blueprint

(i)   Mid Term Examination –

Chapters	Mark Distribution				
	1 Mark	3 Marks	4 Marks	6 Marks	Total
Introduction	4	2	--	--	10
Collection, Organization and Presentation of Data	6	--	3	2	30
Introductory Microeconomics	3	--	1	--	7
Consumer's Equilibrium and demand	7	2	2	2	33
Total	**20 (1)**	**4 (3)**	**6 (4)**	**4 (6)**	**80**

(ii) Periodic Assessment 2 –

Chapters	Mark Distribution				
	1 Mark	3 Marks	4 Marks	6 Marks	Total
Measures of Central Tendency (Mean, Median and Mode)	3	2	1	--	13
Producer, Behaviour and Supply (Production Function)	3	--	1	--	7
Total	**6 (1)**	**2 (3)**	**2 (4)**	**--**	**20**

(iii) Annual Examination –

Chapters	Mark Distribution				
	1 Mark	3 Marks	4 Marks	6 Marks	Total
Introduction (Economics an introduction, Meaning, Scope and Importance of Statistics)	2	1	--	--	5
Collection, Organization and Presentation of Data (Including Tabular, diagrammatic and Graphic Presentation)	3	1	1	--	10
Statistical tools and interpretation (Mean, Median, Mode, Co-relation and Index Number)	5	--	2	2	25
Introductory Microeconomics	1	1	--	--	4
Consumer's Equilibrium and demand (Consumer's Equilibrium, Demand and Elasticity of Demand)	4	1	2	--	15
Producer Behavior and Supply (Production Function, Cost, Revenue, Producer's Equilibrium and Supply)	5	--	1	1	15
Forms of Market and determination under perfect competition with simple applications (Only Price Determination)	--	--	--	1	6
Total	**20 (1)**	**4 (3)**	**6 (4)**	**4 (6)**	**80**

(B) Learning Outcomes

Name of the Chapter	Learning Outcomes
What is Economics	Gain an understanding of what economics is about. Understand how economics is associated with the study of various economic activities namely, consumption, production, exchange and distribution. Differentiate between economic and non-economic activities. Understand the nature of economics.
Introduction- Meaning and Scope of Statistics	Understand what statistics refers to. List the various statistical methods used in dealing with quantitative information Understand and appreciate the role of statistics in economics, business planning and formulating government policies.

Name of the Chapter	Learning Outcomes
Collection of Primary and Secondary Data	Understand and appreciate the purpose of data collection Distinguish between primary and secondary sources of data collection Familiarizes themselves with various methods of collection of data. Differentiate between census and sampling surveys. Identify the technique of sampling used in surveys. Give details about some important sources of secondary data.
Organisation of Data	Classify the data for further statistical analysis. Distinguish between various types of classification. Construct a frequency distribution table with the help of tally marks. Differentiate between univariate and bivariate frequency distribution.
Tabular Presentation	Understand and appreciate the need for tabular and pictorial presentation of a given set of data. Present the data in the form of tables. Draw suitable diagrams and graphs to represent a given set of data.
Diagrammatic Presentation	Understand the concept of diagrammatic presentation. Students will learn by utility and advantages of diagrammatic presentation. Types of diagram, one dimensional diagrams or bar diagrams, pie diagram.
Graphic Presentation	Construction of graph, types of graphs frequency distribution of graphs (histogram, polygon and Ogive) and arithmetic line graphs (time series graph)
Measures of Central Tendency-Arithmetic Mean	Understand the need for representing a given set of data by a single number. Identify and differentiate between different types of averages. Calculate different types of averages. Draw meaningful conclusions from a given set of information. Develop an understanding of the most suitable average in a given situation.
Measures of Central Tendency-Positional Average and Partition values.	Meaning of Arithmetic mean, median and mode. Numerical on individual series, discrete series and continuous series.
Measures of Correlation	Understand the meaning of the term correlation. Analyse the degree and direction of relationship between two variables. Calculate correlation through different methods. Draw Scatter diagram to represent relationship between two variables. Spearmans rank correlation method, Karl Pearson's method.

Name of the Chapter	Learning Outcomes
Introduction to Index Numbers	Understand the meaning of the term 'Index Number'. Calculate index numbers using various methods. Appreciate the usefulness of various types of index numbers. Identify and explain the limitations of index numbers. Inflation and index number, simple aggregative method.
Introduction	What economics is all about meaning of an economy? Scarcity Meaning of Economic Problem. Reasons of Economic Problem. Branches of Economics. Microeconomics, Macroeconomics. Positive and Normative Economics. Positive Statements, Normative Statements. Central problems of an Economy. Solution of Central Problems in different economics. Production Possibility Curve (PPC). Construction of Production Possibility Curve. Explanation. Opportunity Cost. Shape of the PP Curve or Features of PP Curve. Can PP Curve be a Straight line. Problem of Fuller Utilization.
Consumer's Equilibrium	Introduction Concept of Utility. Marginal Utility (MU), total utility (TU) and Relationship between MU and TU. Law of Diminishing Marginal Utility. Assumptions, Explanation and Can Marginal utility increase initially? Meaning of consumer's equilibrium. Utility Approach (Cardinal Analysis). Assumptions, Explanation. Budget line. Features of Budget line, Price Ratio and slope of the budget line. Points below the budget line and points on the budget line. Changes in the budget line. Indifference schedule and indifference curve. Points above and points below the indifference curve. Marginal rate of substitution. Diminishing marginal rate of substitution. Properties of Indifference curve. Assumptions and equilibrium conditions under indifference curve approach. Consumer's equilibrium conditions.
Demand	Meaning of Demand. Determinants or factors affecting demand Determinates of market demand Demand schedule Demand curve, slope of demand curve

Name of the Chapter	Learning Outcomes
	Demand function Law of demand. Assumptions of the law of demand, why does the law of demand operate? Exceptions to the law of demand. Movement along demand curve (Change in Quantity demanded). Expansion in demand, Contractions in Demand. Shift in Demand Curve (Change in demand) Increase in demand, Decrease in demand, Distinction between expansion of demand and increase in demand. Distinction between contraction of demand and increase in demand. Difference between movement along demand curve and shift in demand curve. Change in quantity demand vs change in demand. Changes in the prices of related goods.
Elasticity of Demand	Introduction Meaning of price elasticity of demand. Degree of price elasticity of demand. Method for measuring price elasticity of demand. Factors influencing elasticity of demand. Price elasticity of demand and slope of demand curve
Production Function	Introduction Concept of product Production function. Inputs/ factors of production, types of production function Relationship between total product and marginal product. Relationship between average product and marginal product. Short Run: The Law of Variable proportions or Returns to a factor. Assumptions of the Law, Meaning, Why it is called the law of variable proportions? Explanation of the law. Three stages of the law. Two ways to explain the law of variable proportions. Significance of three stages of the law. Reasons for operation of law of variable proportions. Increasing Returns to a factor in terms of TP. Diminishing Returns to a factor in terms of TP. Negative Returns to a factor in terms of TP. Postponement of law of variable proportion.
Cost	Introduction Meaning of Cost. Economic cost, cost function, time element and cost. Short Run costs Total cost curves in the short-run. Relationship among TC, TFC and TVC. Unit Cost Curves in the Short-Run. Relationship of MC with TC and TVC. Why is MC curve U-Shaped in the short-run?

Name of the Chapter	Learning Outcomes
	Why AVC and AC are curves U-shaped? Can AC fall when MC is rising? Can AC rise when MC is falling? Difference between AC and MC. Relationship between MC and AVC. Does fixed cost affect marginal cost?
Revenue	Meaning of Revenue Concept of Revenue. How "Average Revenue" is equal to Price? TR, AR and MR when all the units are sold at same price under perfect competition. Relationship between price line and total revenue. Relationship between AR and MR under perfect competition. AR and MR when more units can be sold by lowering the price under imperfect competition. TR curve under monopoly or monopolistic competition. Relationship among TR, MR and AR under imperfect competition. Why MR is less than AR under imperfect competition? General Relationship between AR and MR.
Producer's (or Firm's) Equilibrium)	Introduction Producer's Equilibrium MR-MC approach for producer's equilibrium. Equilibrium of the firm under perfect competitions: MR-MC Producer's Equilibrium when price falls with rise in output Break-Even point Shut-down Point
Supply and Elasticity of Supply	Meaning of supply Determinants of supply Supply Function Supply Schedule Supply Curve Law of Supply. Assumptions. Movement Along Supply Curve Shift in Supply Curve. Change in Quantity Supplied vs change in Supply. Distinction between Expansion of Supply and Increase in Supply. Distinction between Contraction of supply and decrease in supply. Price Elasticity of Supply. Degrees Measurement of Elasticity of supply. Percentage Method, Elasticity of supply when two supply curves intersect. Factors affecting elasticity of supply.

Name of the Chapter	Learning Outcomes
Market Equilibrium and Price Determination under Perfect competition.	Equilibrium between demand and supply. Excess demand, excess supply, effect of changes in demand and supply on equilibrium price (Short run only). Effect of change in demand. Effect of change in supply. Effects of change both in demand and supply. Special cases of change in demand and supply. Sources of Shifts in demand curve and their effects. Sources of shifts n supply curve and their effects. Price ceiling and floor price.
Simple Applications of Tools of Demand and Supply Curves.	Price Control. Maximum price fixation, adverse effects of price ceiling and rationing. Minimum support price. Consequences of price support policy Important Areas of Applications of Tools of Demand and Supply Curves.

Subject – Entrepreneurship

Prescribe Books:-

1. Entrepreneurship : Poonam Gandhi, V.K.Publciation
2. Entrepreneurship : All in One, Arihant Publication
3. Entrepreneurship : NCERT

(A) Blueprint

(i) Mid Term Examination –

Chapters	Mark Distribution				
	1 Mark	2 Marks	3 Marks	5 Marks	Total
Entrepreneurship- concept and functions	6	2	2	2	26
An entrepreneur	6	2	1	2	23
Entrepreneurial journey	6	2	2	1	21
Total	**18 (1)**	**6 (2)**	**5 (3)**	**5 (5)**	**70**

(ii) Periodic Assessment 2 –

Chapters	Mark Distribution				
	1 Mark	2 Marks	3 Marks	5 Marks	Total
Entrepreneurship as innovation and problem solving	3	1	1	1	13
Concept of market	2	1	1	--	7
Total	**5 (1)**	**2 (2)**	**2 (3)**	**1 (5)**	**20**

(iii) Annual Examination –

Chapters	Mark Distribution				
	1 Mark	2 Marks	3 Marks	5 Marks	Total
Entrepreneurship- concept and functions	2	--	1	1	10
An entrepreneur	3	--	1	1	11
Entrepreneurial journey	2	1	--	--	4
Entrepreneurship as innovation and problem solving	2	1	1	1	12
Concept of market	3	2	1	--	10
Business finance and arithmetic	3	1	1	1	13
Resource mobilization	3	1	--	1	10
Total	**18 (1)**	**6 (2)**	**5 (3)**	**5 (5)**	**70**

(B) Learning Outcomes

Name of the Chapter	Learning Outcomes
Entrepreneurship: Concept and Functions	Understand the concept of Entrepreneurship Explain the functions of an entrepreneur Appreciate the need for Entrepreneurship in our economy. Assess how entrepreneurship can help shape one's career. State the myths, advantages and limitations of Entrepreneurship. Discuss the steps in the process of Entrepreneurship. Describe the current scenario of Entrepreneurial activity in India.
An Entrepreneur	Understand the motivation to become an entrepreneur. Differentiate between various types of entrepreneurs. Explain the competencies of an Entrepreneur. Appreciate the importance of Ethical Entrepreneurship. Appreciate the difference between Entrepreneur and Intrapreneur.
Entrepreneurial Journey	Understanding ways of idea generation. Discuss the concept of types of feasibility study. Draft a basic business plan Understand the reasons for success and failure of business plan.
Entrepreneurship as Innovation and Problem Solving.	Understand the role of entrepreneurs as problem solvers. Appreciate the role of global and Indian innovations in entrepreneurial ventures. Understand the use of technology and digitization for new businesses. Discuss the concept of social entrepreneurship.

Name of the Chapter	Learning Outcomes
Understanding the market	Scan the market environment. Learn how to conduct market research. Understand the elements of marketing mix.
Business Finance and Arithmetic	Discuss unit cost, unit of sale, unit price of a product or service. Understand the components o cost- start-up and operational costs. Calculate break even of single product and service.
Resource Mobilization	Identify the different types of resources tools- Physical and material, Human, Financial, Intangibles.

Subject – Mathematics

Prescribe Books:-

1. Text Book for Class XI: NCERT
2. Exemplar Problems for Class XI: NCERT
3. R.D.Sharma Class XI

(A) Blueprint

(i) Mid Term Examination -

Chapters	Mark Distribution					
	1 Mark	2 Marks	3 Marks	4 Marks	5 Marks	Total
Sets	3	1	1	1		12
Relations & Functions	2	1	1		1	12
Trigonometric Functions	3		1		1	11
Complex Numbers and Quadratic Equations	3	1			1	10
Linear Inequalities	2		1			5
Permutations and Combinations	3	1		1		9
Binomial Theorem	2		1		1	10
Sequence and Series	2	1	1	1		11
Total	**20 (1)**	**5 (2)**	**6 (3)**	**3 (4)**	**4 (5)**	**80**

(ii) Periodic Assessment 2 –

Chapters	Mark Distribution					
	1 Mark	2 Marks	3 Marks	4 Marks	5 Marks	Total
Straight Line	5	2	2	--	1	20
Total	**5 (1)**	**2 (2)**	**2 (3)**	**--**	**1 (5)**	**20**

(iii) Annual Examination –

Chapters	Mark Distribution					
	1 Mark	2 Marks	3 Marks	4 Marks	5 Marks	Total
Sets	2	1	1	--	--	7
Relations & Functions	3	--	--	1	--	7
Trigonometric Functions	2	1	--	--	1	9
Complex Numbers and Quadratic Equations	2	---	1	--	--	5
Linear Inequalities	1	--	1	--	--	4
Permutations and Combinations	1	--	--	1	--	5
Binomial Theorem	1	--	--	--	1	6
Sequence and Series	2	--	1	--	--	5
Straight Lines	--	1	--	1	--	6
Conic Sections	1	--	1	--	--	4
Introduction to Three-dimensional Geometry	--	1	--	--	--	2
Limits and Derivatives	3	--	--	--	1	8
Statistics	1	--	--	--	1	6
Probability	1	1	1	--	--	6
Total	**20 (1)**	**5 (2)**	**6 (3)**	**3 (4)**	**4 (5)**	**80**

(B) Learning Outcomes

Name of the Chapter	Learning Outcomes
Chapter – 01 (Sets)	Students will be able to learn about sets and their representations. Students will be able to learn about different number sets. Students will be able to learn different types of sets. Students will be able to learn about subsets. Students will be able to learn the geometrical representations of sets. Students will be able to learn about different operations on sets.
Chapter – 02 (Relations & Functions)	Students will be able to learn the elements of the Cartesian product of two sets as set of ordered pairs. Students will be able to understand the meaning of a relation between two sets or within a set itself, Students will be able to learn the use an arrow diagram or Cartesian diagrams to represent a given relation between two sets, Students will be able to learn to form ordered pairs, an arrow diagram, or an equation (rule) based on the described relationship shown, Students will be able to learn to define a function,

Name of the Chapter	Learning Outcomes
	Students will be able to determine whether a relation is a function from a relation diagram, a table, and a set of ordered pairs, Students will be able to learn to represent functions using diagrams, sets of ordered pairs, equations, and graphs, Students will be able to learn to define and find a domain, a co-domain, and a range of discrete functions.
Chapter – 03 (Trigonometric Functions)	Students will be able to learn the measurement of angles in different systems. Students will be able to learn different trigonometric functions and the relations between them. Students will be able to learn sign of trigonometric functions in different quadrants. Students will be able to learn values of trigonometric functions of allied angles. Students will be able to learn trigonometric functions of compound angles. Students will be able to learn trigonometric functions of multiple and sub – multiple angles.
Chapter – 04 (Complex Numbers and Quadratic Equations)	Students will be able to learn the definition of Imaginary numbers Students will be able to learn concept of complex numbers Students will be able to learn Real part and imaginary part of a complex number Students will be able to learn Equality of two complex numbers Students will be able to learn the properties of complex numbers Students will be able to learn the conjugate of a complex number Students will be able to learn the Geometrical representation of complex numbers Students will be able to learn the solution of the Quadratic equation on a set of complex numbers
Chapter – 05 (Linear Inequalities)	Students will be able to learn about the difference between equalities and inequalities. Students will be able to learn about different types of inequalities. Students will be able to learn how to solve linear inequalities in one variable and their representation on number line.

Name of the Chapter	Learning Outcomes
Chapter – 06 (Permutations and Combinations)	Students will be able to learn uses of two types of counting principle. Students will be able to learn difference between permutations and combinations. Students will be able to learn about factorial notation of any whole number. Students will be able to learn about permutations and different related formulae. Students will be able to learn about combinations and different related formulae. Students will be able to implement application-oriented skills in their day-to-day life.
Chapter – 07 (Binomial Theorem)	Students will be able to learn about binomial and Pascal's triangle. Students will be able to learn about binomial theorem for any positive integral index. Students will be able to learn the general term from the beginning and end of a binomial expansion. Students will be able to learn about middle term(s) of a binomial expansion.
Chapter – 08 (Sequence and Series)	Students will be able to learn about sequences and series. Students will be able to learn about arithmetic mean. Students will be able to learn about geometric progression and geometric mean. Students will be able to learn the relation between AM and GM. Students will be able to learn the infinite GP and how to find the sum. Students will be able to implement application-oriented skills in their day-to-day life.
Chapter – 09 (Straight Lines)	Students will be able to learn how to introduce two-dimensional coordinate geometry on the plane. Students will be able to learn how to find the slope of a line segment. Students will be able to learn different forms equations of a line. Students will be able to learn about the parallelism and perpendicularity of two lines. Students will be able to implement application-oriented skills in their day-to-day life.

Name of the Chapter	Learning Outcomes
Chapter – 10 (Conic Sections)	Students will learn the accepted names for the conic sections Students will be able to derive the standard form of the equation of a circle Students will be able to find the center of a circle and its radius given its equation in standard form Students will be able to derive the general equation of a circle Students will be able to learn the conditions under which the general equation of the second degree will be a circle Students will be able to find the equation of a circle through three non-collinear points Students will be able to find equation of a parabola in different forms. Students will be able to find equation of an ellipse in different forms. Students will be able to find equation of a hyperbola in different forms.
Chapter – 11 (Introduction to Three-dimensional Geometry)	Students will be able to know about the coordinates of a point in space Students will be able to know about the octants and the sign of coordinates. Students will be able to find the distance between two points in three-dimensional geometry Students will be able to know about the collinearity of three points in space.
Chapter – 12 (Limits and Derivatives)	Students will be able to have an Idea of limit of a function. Students will study some algebra of limits of functions. Students will learn about differentiation. Students will be able to have an Idea about geometrical meaning of Differentiation. Students can know derivatives of certain standard functions. Students can know the rules of differentiation.
Chapter – 13 (Statistics)	Students will be able to find Measures of Dispersions like range, Mean deviation, Standard deviation. Students will be able to learn Mean deviation about mean for grouped and ungrouped data. Students will be able to learn how to find Mean deviation about Median for grouped and ungrouped data. Students will able to find Variance with direct method and short-cut method. Students will be able to learn how to find Standard Deviation.

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Name of the Chapter	Learning Outcomes
Chapter – 14 (Probability)	Students will be able to learn about random experiments. Students will be able to learn about sample space. Students will be able to learn about different events. Students will be able to learn about different properties of events. Students will be able to learn about arithmetic and axiomatic approach to probability. Students will be able to learn about probability of any event and some properties. Students will be able to implement application-oriented skills in their day-to-day life.

Subject – Physical Education

Prescribe Books:-

1. Health and Physical Education, Saraswati Publication. Author – Dr. V.K,Sharma.

(A) Blueprint

(i) Mid Term Examination –

Chapters	Mark Distribution					
	1 Mark	2 Marks	3 Marks	4 Marks	5 Marks	Total
Changing Trends and Career in Physical Education.	3	--	1	1	--	10
Olympic Value Education	3	1	--	1	--	9
Yoga	3	1	1	--	1	13
Physical Education and Sports for Children with Special Needs.	3	1	1	1	--	12
Physical Fitness, Wellness, and lifestyle.	3	1	1	--	1	13
Test, Measurement and Evaluation	3	1	1	--	1	13
Total	**18 (1)**	**5 (2)**	**5 (3)**	**3 (4)**	**3 (5)**	**70**

(ii) Periodic Assessment –

Chapters	Mark Distribution					
	1 Mark	2 Marks	3 Marks	4 Marks	5 Marks	Total
Fundamentals of Anatomy, Physiology in Sports.	1	1	1	--	1	11
Fundamentals of Kinesiology and Biomechanics in Sports.	3	1	--	1	--	9
Total	**4 (1)**	**2 (2)**	**1 (3)**	**1 (4)**	**1 (5)**	**20**

(iii) Annual Examination –

Chapters	Mark Distribution					
	1 Mark	2 Marks	3 Marks	4 Marks	5 Marks	Total
Changing Trends and Career in Physical Education.	2	--	1	1	--	9
Olympic Value Education	3	1	--	--	--	5
Yoga	1	--	--	--	1	6
Physical Education and Sports for Children with Special Needs.	1	--	1	1	--	8
Physical Fitness, Wellness, and lifestyle.	2	1	1	--	--	7
Test, Measurement and Evaluation	1	1	--	--	1	8
Fundamentals of Anatomy, Physiology in Sports.	3	1	1	--	--	8
Fundamentals of Kinesiology and Biomechanics in Sports.	1	--	--	1	--	5
Psychology and Sports	3	--	1	--	--	6
Training and doping in Sports	1	1	--	--	1	8
Total	**18 (1)**	**5 (2)**	**5 (3)**	**3 (4)**	**3 (5)**	**70**

(B) Learning Outcomes

Name of the Chapter	Learning Outcomes

Changing Trends and Career in Physical Education.	Students will be able to:
	    Recognize the concept of Physical Education.
	    Identify the aims and objectives of Physical Education.
	    Explore historical aspect of Physical Education in India.
	    Recognize various changing trends in sports (wearable gears, equipments, technologies, etc.)
	    Explore different career options in the field of Physical Education.
	    Understand Khelo India and Fit India Programme.

Olympic Value Education	Students will be able to:
	    Incorporate values of Olympism in life.
	    Differentiate Modern and Ancient Olympic Games
	    Paralympics and Special Olympic games.
	    Identify the Olympic Symbol and Ideals.
	    Describe the structure of Olympic movement.

Yoga	Students will be able to:
	    Recognize the concept of yoga and its importance.
	    Identify the elements of yoga.
	    Identify the Asanas, Pranayamas, Meditation and Yogic Kriyas.
	    Classify various yogic activities for enhancement of concentration.
	    Know about relaxation techniques for improving concentration.

Name of the Chapter	Learning Outcomes
Physical Education and Sports for Children with Special Needs.	Students will be able to: Describe the concept of disability and disorder. Outline types of disability and describe its causes and nature. Adhere and respect children with special needs by following etiquettes. Identify possibilities and scope in adaptive physical education. Relate various types of professional support for CWSN along with their roles and responsibilities.
Physical Fitness, Wellness, and lifestyle.	Students will be able to: Explain wellness and its importance and define the components of wellness. Classify physical fitness and recognize its importance in life. Differentiate skill related and health related components of physical fitness. Illustrate traditional sports and regional games for promoting wellness. Relate leadership through physical activity and sports. Illustrate the different steps used in first-aid (PRICE).
Test, Measurement and Evaluation	Students will be able to: Define the terms test, measurement and evaluation. Differentiate norm and criterion referenced standards. Differentiate formative and summative evaluation. Discuss the importance of measurement and evaluation process. Understand BMI: A popular clinical standard and its computation. Differentiate Endomorphy, Mesomorphy and Ectomorphy. Describe the procedure of Anthropometric Measurement.
Fundamentals of Anatomy, Physiology in Sports.	Students will be able to: Identify the importance of anatomy and physiology. Recognize the functions of the skeleton. Understand the functions of bones and identify various types of joints. Figure out the properties and functions of muscles and understand how they work. Understand the anatomy of the respiratory system and describe its working. Identify and analyze the layout and functions of Circulatory System.

Name of the Chapter	Learning Outcomes
Fundamentals of Kinesiology and Biomechanics in Sports.	Students will be able to: Understand Kinesiology and Biomechanics with their application in sports. Explain biomechanical principles and their utilization in sports and physical education. Illustrate fundamental body movements and their basic patterns. Learn about the Axis and Planes and their application with body movements.
Psychology and Sports	Students will be able to: Identify the role of Psychology in Physical Education and Sports. Differentiate characteristics of growth and development at different states. Explain the issues related to adolescent behavior and Team Cohesion in sports. Correlate psychological concepts with the sports and athlete specific situations.
Training and doping in Sports	Students will be able to: Understand the concept and principles of sports training. Summarize training load and its concept. Understand the concept of warming up and limbering down in sports training and their types, method and importance. Acquire the ability to differentiate between the skill, technique, tactics and strategies in sports training. Interpret concept of doping.

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