

**Delhi Public School Numaligarh**

# **Syllabus Bifurcation**

**Session: 2023-24**

**Class XI: Commerce**

# Delhi Public School, Numaligarh

Class: XI

Scheme of Work: 2023-24

Sub: English

| S.N | Month      | No. of ID | Hornbill  | Writing                   |
|-----|------------|-----------|---|---------------------------|
| 1.  | May-2023   | 25        | The Portrait of a Lady<br>A Photograph<br>We're Not Afraid to Die... if We Can All be Together<br>Discovering Tut: the Saga Continues | Posters<br>Advertisement  |
| 2.  | June-2023  | 15        | The Laburnum Top<br>The Voice of the Rain   | Note Making<br>Grammar    |
| 3.  | July-2023  | 06        | -   | Note Making               |
| 4.  | Aug-2023   | 24        | Childhood<br>The Adventure  | Debate Writing<br>Grammar |
| 5.  | Sep-2023   | 16        | Revision  | Speech Writing            |
| 6.  | Oct-2023   |           | Silk Road<br>Father to Son  |                           |
| 7.  |            | 23        | Snapshots   |                           |
| 8.  | Nov-2023   | 09        | The Summer of the Beautiful White Horse<br>The Address  |                           |
| 9.  | Dec-2023   | 21        | Mother's Day  |                           |
| 10. | Jan-2024   | 24        | Birth<br>The Tale of Melon City   |                           |
| 11. | Feb-2024   | 19        | Revision  |                           |
| 12. | March-2024 | 10        | EXAM  |                           |

### Portion for Assessments-2023-24

|                         |  |   |                                      |
|-------------------------|--|---|--------------------------------------|
| <b>PT-1</b>             | <b>The Portrait of a Lady<br/>A Photograph<br/>We're Not Afraid to Die... if We Can All be Together<br/>Discovering Tut: the Saga Continues</b>  | <b>Notice<br/>Posters</b>                                       | <b>Comprehension</b>                 |
| <b>Half Yearly Exam</b> | <b>We're Not Afraid to Die... if We Can All be Together<br/>Discovering Tut: the Saga Continues<br/>The Laburnum Top<br/>Landscape of the Soul<br/>The Voice of the Rain<br/>The Ailing Planet: the Green Movement's Role<br/>Childhood<br/>The Adventure<br/>The Browning Version</b> | <b>Notice<br/>Posters<br/>Speech Writing<br/>Report Writing</b> | <b>Comprehension<br/>Note Making</b> |
| <b>PT-2</b>             | <b>Silk Road<br/>Father to Son<br/>The Summer of the Beautiful White Horse<br/>The Address</b>   | <b>Notice<br/>Posters</b>                                       | <b>Comprehension<br/>Note Making</b> |
| <b>Annual Exam</b>      | <b>Full Syllabus</b>   |   |                                      |

### Projects/Subject Enrichment Activities

| Month                | Activity                             | Objective/s  | Details & Evaluation   |
|----------------------|--------------------------------------|--|--|
| Aug-<br>Sept<br>2023 | Assessment of Speaking and Listening | <ul style="list-style-type: none"> <li>• To listen to lectures and talks and to be able to extract relevant and useful information for a specific purpose</li> <li>• To develop the art of formal public speaking</li> </ul> | A Listening Skill test and a Speaking Skill test will be conducted |
| June<br>2023         | Project                              | <ul style="list-style-type: none"> <li>• To listen to a podcast and write a report or Debate on the chosen topic</li> </ul>  | As per CBSE guidelines   |

Class: XI

Scheme of Work: 2023-24

Sub: Accountancy

| S.N | Month      | No. of ID | Unit to be covered  |
|-----|------------|-----------|---|
| 1   | May-2023   | 25        | <b>Unit 1: Theoretical Frame Work</b><br><b>Introduction to Accounting:</b> Accounting- concept, objectives, advantages and limitations, types and users accounting information; Qualitative Characteristics of Accounting Information. Role of Accounting in Business. |
| 2   | June-2023  | 15        | <b>Unit 1: Theoretical Frame Work</b><br>Introduction to Accounting -Basic Accounting Terms<br>Theory Base of Accounting<br><b>Unit 2: Accounting Process.</b><br><b>Recording of business transactions</b> -Accounting Equation Approach : Meaning and Analysis        |
| 3   | July-2023  | 06        | <b>Unit 2: Accounting Process.</b><br><b>Recording of business transactions</b> -Vouchers and Transactions: Preparation of Vouchers, Rules of Debit and Credit .Books of Original Entry-Journal.  |
| 4   | Aug-2023   | 24        | <b>Unit 2: Accounting Process.</b><br><b>Recording of business transactions:</b><br>Books of Original Entry-Journal. (Cont.)<br>Special Purpose books: Cash Book, Purchase Book, Sales Book, Purchase Return Book, Sales Return Book, Journal Proper.                   |
| 5   | Sep-2023   | 16        | <b>Unit 2: Accounting Process.</b><br><b>Ledger:</b> Format, Posting from Journal and subsidiary books, Balancing of accounts<br>Bank Reconciliation Statement.   |
| 6   | Oct-2023   | 20        | <b>Unit 2: Accounting Process.</b><br>Depreciation, Provisions and Reserves   |
| 7   | Nov-2023   | 23        | <b>Unit 2: Accounting Process.</b><br>Trial Balance and Rectification of Errors   |
| 8   | Dec-2023   | 09        | <b>Unit 3: Financial Statements of Sole Proprietorship.</b><br>Financial Statements .   |
| 9   | Jan-2024   | 21        | <b>Unit 3: Financial Statements of Sole Proprietorship.</b><br>Financial Statements.<br>Project Work  |
| 10  | Feb-2024   | 24        | <b>Unit 3:</b> Incomplete Records Features, reasons and limitations.<br>Ascertainment of Profit/Loss by Statement of Affairs method.<br>Revision for annual Exam.   |
| 11  | March-2024 | 19        | <b>Annual Examination.</b>  |

### Portion for Assessments-2023-24

|                         |   |
|-------------------------|---|
| <b>PT-1</b>             | <p><b>Unit 1: Theoretical Frame Work</b><br/>Introduction to Accounting.<br/>Theory Base of Accounting.</p> <p><b>Unit 2: Accounting Process.</b><br/><b>Recording of business transactions.</b><br/>Voucher and Transactions,<br/>Accounting Equation Approach<br/>Rules of Debit and credit</p> |
| <b>Half Yearly Exam</b> | <p><b>Unit 1: Theoretical Frame Work</b><br/>Introduction to Accounting.<br/>Theory Base of Accounting.</p> <p><b>Unit 2: Accounting Process.</b><br/>Recording of business transactions.<br/>Bank Reconciliation Statement<br/>Depreciation, Provisions and Reserves.</p>                        |
| <b>PT-2</b>             | <p><b>Unit 2: Accounting Process.</b><br/>Depreciation, Provisions and Reserves.<br/>Trial Balance and Rectification of Errors</p> <p><b>Unit 3: Financial Statements of Sole Proprietorship.(Without adjustments)</b></p>  |
| <b>Annual Exam</b>      | Full syllabus   |

### Projects/Subject Enrichment Activities

| Month                | Activity  | Objective/s  | Details & Evaluation  |              |         |           |           |              |                 |
|----------------------|---|--|---|--------------|---------|-----------|-----------|--------------|-----------------|
| <b>Oct-2023</b>      | Comprehensive project of sole proprietorship business.<br>(Preparation of various subsidiary books and Ledger Accounts) | <p>*It will develop the understanding of recording of transactions and explain the purpose of maintaining a Cash Book.</p> <p>*They will also appreciate the method of recording transactions other than cash transactions as per their nature in different subsidiary books</p> | <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">Project File</td> <td style="text-align: right;">8 marks</td> </tr> <tr> <td>Viva Voce</td> <td style="text-align: right;">12 marks.</td> </tr> <tr> <td><b>Total</b></td> <td style="text-align: right;"><b>20 marks</b></td> </tr> </table> | Project File | 8 marks | Viva Voce | 12 marks. | <b>Total</b> | <b>20 marks</b> |
| Project File         | 8 marks   |  |   |              |         |           |           |              |                 |
| Viva Voce            | 12 marks.   |  |   |              |         |           |           |              |                 |
| <b>Total</b>         | <b>20 marks</b>   |  |   |              |         |           |           |              |                 |
| <b>Jan- Feb 2024</b> | Comprehensive project of sole proprietorship business.<br>( Preparation of Trial Balance and Final Accounts)            | Develop understanding of preparing various statement and simplified, systematic and intelligible presentation of facts.  |   |              |         |           |           |              |                 |

| S.N | Month     | No. of ID | Business Studies text book-NCERT  |
|-----|-----------|-----------|---|
| 1   | May       | 20        | <p><b>Unit 1- Evolution And Fundamentals Of Business</b><br/>           Section-1: History Of Trade And Commerce In India<br/>           Section-2: Indigenous Banking System, Rise of Intermediaries, Transport, Trading Communities:<br/>           Section-3: Merchant Corporations, Major Trade Centers, Major Imports and Exports, Position of Indian Sub- Continent in the World Economy<br/>           Section-4: Business – meaning and characteristics<br/>           Section-5: Business, Profession and employment- Concept<br/>           Section-6:Objectives of business<br/>           Section-7: Classification of business Activities- Industry and commerce</p> <p><b>Unit 2-Forms of Business Organizations</b><br/>           Section-1: Sole Proprietorship<br/>           Section-2: Partnership<br/>           Section-3:Hindu undivided family business<br/>           Section-4: Cooperative societies</p> |
| 1   | June-July | 26        | <p><b>Unit 1- Evolution And Fundamentals Of Business</b><br/>           Section-8: Business Risk-concept</p> <p><b>Unit 2-Forms of Business Organizations</b><br/>           Section-5: Company<br/>           Section-6: Choice of form of business organization</p>   |
| 2   | Aug       | 24        | <p><b>Unit 3-Public, Private and Global Enterprises</b><br/>           Section-1: Public sector and private sector enterprises<br/>           Section-2: Forms of public sector enterprises</p> <p><b>Unit 4- Business Services</b><br/>           Section-1: Meaning And Types<br/>           Section-2: Banking<br/>           Section-3: Banking Services</p>  |
| 3   | Sep       | 17        | <p><b>Unit 3-Public, Private and Global Enterprises</b><br/>           Section-3: Global Enterprises</p> <p><b>Unit 4- Business Services</b><br/>           Section-4: Postal Services<br/>           Section-5: Insurance Services</p>   |

|   |     |    |  |
|---|-----|----|--|
| 4 | Oct | 20 | <p><b>Unit 5-Emerging Modes of Business</b><br/> Section-1: E-Business<br/> Section-2: Concept, scope and benefits</p> <p><b>Unit 6- Social responsibilities of business and business ethics.</b><br/> Section-1: Concept of Social Responsibilities.<br/> Section-2: Cases of Social Responsibilities.<br/> Section-3: Responsibilities towards the stakeholders<br/> Section-4: Role of business towards environment protections<br/> Section-5: Business Ethics</p>         |
| 5 | Nov | 25 | <p><b>Unit-7 Sources of business finance</b><br/> Section-1: Concept<br/> Section-2: Owner's Fund<br/> Section-3: Borrowed Funds</p> <p><b>Unit-8 Small Business and Enterprises</b><br/> Section-1: Entrepreneurship Development(ED)<br/> Section-2: Small Scale Enterprise as defined by MSMED Act 2006<br/> Section-3: Role of small business in India with special reference to rural areas<br/> Section-4: Government schemes and agencies for small scale industries</p> |
| 6 | Dec | 10 | <p><b>Unit-9 Internal Trade</b><br/> Section-1: Meaning and Type. Services rendered by a Wholesaler and a retailer<br/> Section-2: Types of retail trade</p> <p><b>Unit-10 International Trade</b><br/> Section-1: Concept and benefits<br/> Section-2: Export Trade<br/> Section-3: Import Trade</p>  |
| 7 | Jan | 21 | <p><b>Unit-9 Internal Trade</b><br/> Section-3: Large scale retailers<br/> Section-4: GST</p> <p><b>Unit-10 International Trade</b><br/> Section-4: Documents involved in international Trade<br/> Section-5: World trade Organization</p>   |
| 8 | Feb | 23 | <b>Project &amp; Revision</b>  |
| 9 | Mar |    | <b>Annual Examination</b>  |

**Portion for Assessments-2023-24**

|                         |   |
|-------------------------|---|
| <b>PT-1</b>             | Unit 1- Evolution And Fundamentals Of Business<br>Unit 2-Forms of Business Organizations  |
| <b>Half Yearly Exam</b> | Unit 1-Evolution And Fundamentals Of Business<br>Unit 2-Forms of Business Organizations<br>Unit 3-Public, Private and Multinational Company<br>Unit 4-Business Services |
| <b>PT-2</b>             | Unit 6- Social responsibilities of business and business ethics<br>Unit-7 Sources of business finance   |
| <b>Annual Exam</b>      | Complete Syllabus   |

**Projects/Subject Enrichment Activities**

| <b>Month</b>    | <b>Activity</b>   | <b>Objective/s</b>   | <b>Details &amp; Evaluation</b>  |
|-----------------|---|--|--|
| <b>Aug-2023</b> | Finding out kind of risks faces by a locally operated trading or business unit  | Understand the concept of risks<br>Examine the nature and causes of business risks.  | Initiative, content and analysis of situations.  |
|                 | Making a list of Indian companies entering into joint ventures with foreign companies. Find out the apparent benefits derived out of such ventures. | Developing an understanding of multinational company and joint ventures and benefits of their partnership in present business world.   | Initiative, content and analysis of situations.  |
| <b>Nov-2023</b> | Annual Project on any one of the prescribed project   | Develop a practical approach in the field of business and management.<br>Get an opportunity for exposure to the operational environment.<br>Inculcate important skills of team work, problem solving, and time management, information collection, processing, analyzing and synthesizing relevant information to derive meaningful conclusions. | Initiative, cooperativeness and participation<br>Creativity in presentation<br>Content, observation and research work<br>Analysis of situations<br>Evaluating involvement in the project through viva. |



| Sl.no  | Month          | No of Instructional Days | Statistics for Economics                                | Introductory Microeconomics   |
|--|----------------|--------------------------|---|---|
| 01   | May            | 25                       | Unit 1: Introduction                                    | Unit: 4 : Introduction  |
| 02   | June & July    | 15+ 6=21                 | Unit 2: Collection, Organisation & Presentation of Data | Unit 4: Central problems of an economy  |
| 03   | August         | 24                       | Unit 3: Measures of Central tendency:                   | Unit 5: Consumer's Equilibrium & Demand : Cardinal utility analysis.                              |
| 04   | September      | 16                       | Unit 3: Measures of Central tendency:                   | Unit 5: Consumer's Equilibrium & Demand :   |
| 05   | October        | 20                       | Unit 3: Correlation                                     | Unit 6: Producer behaviour and Supply   |
| 06   | November       | 23                       | Unit 3: Correlation                                     | Unit 6: Producer behaviour and Supply   |
| 07   | December       | 09                       | Unit 3: Introduction to Index Numbers                   | Unit 7: Forms of Market & Price determination Under Perfect Competition with simple applications. |
| 08   | January (2024) | 21                       | Unit 3: Introduction to Index Numbers                   | Unit 7: Forms of Market & Price determination Under Perfect Competition with simple applications. |
| 09   | February, 2024 | 24                       | Revision  | Revision  |
| <b>SUBJECT MAGAZINE FOR HALF YEARLY FOR EVALUATION OF 20 MARKS: 28/07/23 ( Internal assessment)/ presentation</b>              |                |                          |   |   |
| <b>PROJECT AS PER CBSE GUIDELINES , SUBMISSION ON 06/11/2023( Annual, Project viva), Viva will be conducted / Presentation</b> |                |                          |   |   |
| <b>PORTION FOR ASSESSMENT</b>  |                |                          |   |   |
| 09   | June           | 19/6/23–<br>23/6/23      | PT 1: ( Unit 1, 2)                                      | Unit: 4   |
| 10   | Sept           | 21/9/23 –<br>30/9/23     | HY: Unit: 1,2,3   | Unit: 4,5   |
| 11   | March          | 02/03/24–<br>11/03/24    | AE: Unit: 1,2,3   | Unit: 4,5,6,7   |

### CRITERIA FOR PROJECT WORK/ SUBJECT MAGAZINE

| Month                     | Activity   | Objective   | Details & Evaluation         | Submission                                       |
|---------------------------|--|---|------------------------------|--|
| April /May                | Choose Topic<br>Collection of data/material                    | <ul style="list-style-type: none"> <li>➤ Probe deeper into theoretical concepts learnt in classes.</li> <li>➤ Demonstrate the learning of economic theory</li> <li>➤ Follow up aspects of economics in which learners have interest.</li> </ul> | ➤ Relevance of the topic - 3 |  |
| June                      | Organisation of data/material<br>Presentation of data/material |   | ➤ Research work-6            |  |
| August-                   | Analysing the material/data for conclusion                     |   | ➤ Presentation-3             | Magazine (Class –XI & XII). Both have to submit  |
| October                   | Draw conclusion  |   | ➤ Viva-voce-8                |  |
| December                  | Presentation of the project                                    |   |                              |  |
| July/<br>October/November | Project Submission   | For Half Yearly-<br>Date mention  | For Annual /CBSE             | Project (Class – XI & XII). Both have to Submit. |

| Sl.no. | Month | No.of ID | UNITS/TOPICS TO BE COVERED   |
|--------|-------|----------|--|
| 1      | May   | 13       | <b>Unit 0 Preliminaries of class 10 mathematics</b> <ul style="list-style-type: none"> <li>• Linear and quadratic equations</li> <li>• Co-ordinate geometry</li> </ul>   |
| 2      | June  | 20       | <b>Unit I Numbers, Quantification and Numerical Applications</b> <ul style="list-style-type: none"> <li>• Binary Numbers</li> <li>• Indices, Logarithm and Antilogarithm</li> <li>• Laws and properties of logarithms</li> <li>• Simple applications of logarithm and antilogarithm</li> <li>• Numerical problems on averages, calendar and clock, time, work and distance, mensuration, seating arrangement</li> </ul>  |
| 3      | July  | 6        | <b>Unit II Algebra</b> <ul style="list-style-type: none"> <li>• Sets</li> <li>• Types of sets</li> <li>• Set operations</li> </ul>   |
| 4      | Aug   | 24       | <b>Unit II Algebra (Continued)</b> <ul style="list-style-type: none"> <li>• Venn diagram</li> <li>• De Morgan's laws</li> <li>• Problem solving using Venn diagram</li> <li>• Relations and types of relations</li> <li>• Introduction of Sequences, Series</li> <li>• Arithmetic and Geometric progression</li> <li>• Relationship between AM and GM</li> <li>• Application of A.P and G.P in real life</li> </ul> <p style="text-align: right;"><b>REVISION FOR PT-1</b></p> |
| 5      | Sept  | 16       | <ul style="list-style-type: none"> <li>• Basic concepts of Permutations and Combinations</li> <li>• Permutations</li> <li>• Combinations with standard results</li> </ul>  |

|   |     |    |  |
|---|-----|----|--|
| 6 | Oct | 20 | <p><b>Unit III Mathematical and Logical Reasoning</b></p> <ul style="list-style-type: none"> <li>Mathematically acceptable statements</li> <li>Connecting words/ phrases in Mathematical statement consolidating the understanding of "if and only if (necessary and sufficient) condition", "implies", "and/or", "implied by", "and", "or", "there exists" and their use through variety of examples related to real life and Mathematics</li> <li>Problems based on logical reasoning (coding-decoding, odd man out, blood relation, syllogism etc.)</li> </ul> <p><b>Unit IV Calculus</b></p> <ul style="list-style-type: none"> <li>Introducing functions</li> <li>Domain and Range of a function</li> <li>Types of functions (Polynomial function; Rational function; Logarithm function; Exponential function; Modulus function; Greatest Integer function, Signum function)</li> <li>Graphical representation of functions</li> </ul> <p style="text-align: right;"><b>REVISION FOR H/Y</b></p> |
| 7 | Nov | 23 | <ul style="list-style-type: none"> <li>Concept of limits and continuity of a function</li> <li>Instantaneous rates of change</li> <li>Differentiation as a process of finding derivative</li> <li>Derivatives of algebraic functions using Chain rule</li> </ul> <p><b>Unit V Probability</b></p> <ul style="list-style-type: none"> <li>Random experiment, sample space, events, mutually exclusive events</li> <li>Conditional probability</li> <li>Independent and Dependent Events</li> <li>Law of Total Probability</li> <li>Bayes' Theorem</li> </ul>  |
| 8 | Dec | 9  | <p><b>Unit VI Descriptive Statistics</b></p> <ul style="list-style-type: none"> <li>Data interpretation ( dispersion, deviation, variance, skewness and kurtosis)</li> <li>Percentile rank and quartile rank</li> </ul>  |
| 9 | Jan | 21 | <p><b>Unit VI Descriptive Statistics (Continued)</b></p> <ul style="list-style-type: none"> <li>Correlation (Pearson and Spearman method of correlation)</li> <li>Applications of descriptive statistics using real time data</li> </ul> <p><b>Unit VII Basics of Financial Mathematics</b></p> <ul style="list-style-type: none"> <li>Interest and interest rate</li> <li>Accumulation with simple and compound interest</li> </ul> <p style="text-align: right;"><b>REVISION FOR PT-2</b></p>  |

|    |     |    |   |
|----|-----|----|---|
| 10 | Feb | 24 | <ul style="list-style-type: none"> <li>• Simple and compound interest rates with equivalency</li> <li>• Effective rate of interest</li> <li>• Present value, net present value and future value</li> <li>• Annuities, calculating value of regular annuity</li> <li>• Simple applications of regular annuities (up to 3 period)</li> <li>• Tax, calculation of tax and simple applications of tax calculation in Goods and service tax, Income Tax</li> <li>• Bills, tariff rates, fixed charge, surcharge, service charge</li> <li>• Calculation and interpretation of electricity bill, water supply bill and other supply bills</li> </ul> <p>(Comparing interest rates on various types of savings; calculating income tax; electricity bills, water bill; service surcharge using realistic data)</p> <p><b>Unit VIII Coordinate Geometry</b></p> <ul style="list-style-type: none"> <li>• Straight Line</li> <li>• Circles</li> <li>• Parabola</li> </ul> <p style="text-align: center;"><b>REVISION FOR ANNUAL</b></p> |
|----|-----|----|---|

**Portion for Assessments-2023-24**

|             |   |
|-------------|---|
| <b>PT-1</b> | <p><b>Unit I Numbers, Quantification and Numerical Applications</b></p> <ul style="list-style-type: none"> <li>• Binary Numbers</li> <li>• Indices, Logarithm and Antilogarithm</li> <li>• Laws and properties of logarithms</li> <li>• Simple applications of logarithm and antilogarithm</li> <li>• Numerical problems on averages, calendar, clock, time, work and distance, mensuration, seating arrangement</li> </ul> <p><b>Unit II Algebra</b></p> <ul style="list-style-type: none"> <li>• Sets</li> <li>• Types of sets</li> <li>• Venn diagram</li> <li>• De Morgan's laws</li> <li>• Problem solving using Venn diagram</li> <li>• Relations and types of relations</li> </ul> |
| <b>H/Y</b>  | <p><b>Unit I Numbers, Quantification and Numerical Applications</b></p> <p><b>Unit II Algebra</b></p> <p><b>Unit III Mathematical and Logical Reasoning</b></p> <p><b>Unit IV Calculus( Till functions)</b></p>   |

|               |  |
|---------------|--|
| <b>PT-2</b>   | <b>Unit IV Calculus( Limits, continuity and derivatives)</b><br><b>Unit V Probability</b><br><b>Unit VI Descriptive Statistics</b> |
| <b>Annual</b> | <b>Entire syllabus (unit I to VIII)</b>  |

#### PRACTICALS

1. Plot the graph of functions on excel; study the nature of function at various points, drawing lines of tangents;
2. Prepare best option plan to buy a product by comparing cost, shipping charges, tax and other hidden cost;
3. Prepare a report card using scores of last four exams and compare the performance;
4. Collect the data on weather, price, inflation, and pollution. Sketch different types of graphs;
5. To obtain the mean , standard deviation and coefficient of variation for two large distributions and analysis the data.
6. To calculate coefficient skewness and kurtosis for a large frequency distribution.
7. To obtain the coefficient of correlation for given large distribution.
8. To calculate the Spearman's Rank correlation coefficient for given large data.

#### PROJECTS

1. Logarithms for financial calculations such as interest, present value, future value, profit/loss etc with large values
2. Comparing sets of Natural numbers, rational numbers, real numbers and others; Use of Venn Diagram in solving practical problems
3. Fibonacci Sequence: Its' history and presence in nature
4. Testing the validity of mathematical statements and framing truth tables
5. Prime numbers and divisibility rules.
6. Use of prime numbers in coding and decoding of messages

#### ASSESSMENT OF PRACTICAL AND PROJECT

| Sr.No.       | Area and weightage           | Assessment Area                           | Marks allocated |
|--------------|------------------------------|---|-----------------|
| <b>1</b>     | Project work<br>(10 marks)   | Project work and record                   | 5               |
|              |                              | Year End Presentation/Viva of the Project | 5               |
| <b>2</b>     | Practical work<br>(10 marks) | Performance of practical and record       | 5               |
|              |                              | Year end test of any one practical        | 5               |
| <b>Total</b> |                              |   | <b>20</b>       |

| S.N | Month         | No. of ID | Unit to be Covered  | PRACTICAL                     |
|-----|---------------|-----------|---|-------------------------------|
| 1   | May 2023      | 25        | <ul style="list-style-type: none"> <li>What is Psychology?</li> </ul>   |                               |
| 2   | June 2023     | 15        | <ul style="list-style-type: none"> <li>What is Psychology?</li> <li>Methods of Psychological Enquiry</li> </ul> |                               |
| 3   | July 2023     | 06        | <ul style="list-style-type: none"> <li>Methods of Psychological Enquiry</li> </ul>                              | Project on Methods of Enquiry |
| 4   | August 2023   | 24        | <ul style="list-style-type: none"> <li>Learning</li> <li>Human Memory</li> </ul>                                | Serial and Free Recall        |
| 5   | Sept 2023     | 16        | <ul style="list-style-type: none"> <li>Human Memory</li> </ul>  |                               |
| 6   | October 2023  | 20        | <ul style="list-style-type: none"> <li>Sensory, Attention and Perceptual Processes</li> </ul>                   |                               |
| 7   | Nov 2023      | 23        | <ul style="list-style-type: none"> <li>Basis of human Behaviour</li> <li>Human Development</li> </ul>           |                               |
| 8   | December 2023 | 09        | <ul style="list-style-type: none"> <li>Human Development</li> </ul>   |                               |
| 9   | January 2024  | 21        | <ul style="list-style-type: none"> <li>Motivation and Emotions</li> </ul>                                       | Scat                          |
| 10  | Feb 2024      | 24        | <ul style="list-style-type: none"> <li>Thinking</li> <li>Revision</li> </ul>                                    |                               |
| 11  | March 2024    | 19        | <ul style="list-style-type: none"> <li>Revision</li> </ul>  |                               |

**Portion for Assessments-2023-24 ( PSYCHOLOGY CLASS XI)**

|                                      |  |                        |
|--------------------------------------|--|------------------------|
| <b>PT-1 June 2023</b>                | <ul style="list-style-type: none"> <li>What is Psychology?</li> <li>Method of Psychological Enquiry</li> </ul>   |                        |
| <b>Half Yearly Exam<br/>Sep 2023</b> | <ul style="list-style-type: none"> <li>What is Psychology?</li> <li>Methods of Psychological Enquiry</li> <li>Human Memory</li> <li>Learning</li> </ul>    | Serial and Free Recall |
| <b>Pt-2<br/>Dec 2023</b>             | <ul style="list-style-type: none"> <li>Human Development</li> <li>Sensory ,Attention and Perceptual Processes</li> <li>Basis of human Behaviour</li> </ul> |                        |
| <b>ANNUAL EXAM<br/>March 2024</b>    | Full Syllabus  | 2 PRACTICALS           |

### Projects/Subject Enrichment Activities

| Month          | Activity   | Objective/s  | Details & Evaluation  |
|----------------|--|--|---|
| <b>August</b>  | <b>Report writing</b><br>The students will conduct a project on methods of Enquiry | The students will have a first hand knowledge about the methods of enquiry   | <ul style="list-style-type: none"> <li>● Correct information (content)</li> <li>● Presentation (written in clear manner)</li> </ul> |
| <b>Sep</b>     | <b>PPT on Hunam Memory</b>   | <ul style="list-style-type: none"> <li>● Better understanding of the concept of SM,STM and LTM</li> </ul>  | <ul style="list-style-type: none"> <li>● Correct information</li> <li>● Presentation</li> <li>● Body Language.</li> </ul>           |
| <b>Dec-Jan</b> | <b>Model of Sensory Processes</b>  | <ul style="list-style-type: none"> <li>● The students will have a first hand knowledge and understanding of the different sensory processes</li> </ul> | <ul style="list-style-type: none"> <li>● Presentation</li> <li>● Correct model</li> </ul>   |



| S.N | Month         | No. of ID | NCERT Home Science Text book (Part I & Part II)  | Activity  |
|-----|---------------|-----------|--|---|
| 1.  | May -2023     | 25        | Unit I: Introduction to Home Science<br>Unit II: Understanding oneself: Adolescence<br>Ch.- Understanding the Self.<br>A. 'Who am I'?<br>B. Development and Characteristics of the Self(Development characteristics and needs of adolescents)          | 1.Understanding oneself with reference to:<br>a) Physical development in terms of age, height, weight, hip and chest circumference.<br>b) Sexual maturity (Age at menarche, Development of breasts: girls). Growth of beard, change in voice: boys)   |
| 2.  | June -2023    | 15        | C. Influences on Identity<br>Ch.- Food, Nutrition, Health and Fitness  | 2. Observe developmental norms: (Physical, Motor, Language and social - emotional) birth to three years.<br>3.a) Record own diet for a day<br>b) Evaluate qualitatively for adequacy  |
| 3.  | July-2023     | 6         | Ch. - Management of Resources  |   |
| 3.  | Aug-2023      | 23        | Ch.- Fabric Around us  | 4. Relationship of fibre properties to their usage:<br>a) Thermal property and flammability<br>b) Moisture absorbency and comfort   |
| 4.  | Sep- 2023     | 15        | Ch-Media and Communication Technology  |   |
| 5.  | October-2023  | 20        | Unit III: Understanding family, community and society<br>Ch.- Relationships and interactions with 'Significant Others'.  | 5. List and discuss 4-5 areas of agreement and disagreement with a) Mother b) Father c) Siblings/ Friends d) Teacher  |
| 6.  | November-2023 | 23        | Ch. - Concerns and needs in diverse contexts:<br>a. Nutrition, Health and Hygiene<br>b. Resources Availability and Management<br>Unit IV: Childhood<br>Ch.-Survival, Growth and Development<br>Ch.- Nutrition, Health and Wellbeing<br>Ch- Our Apparel | 6. a) Record one day's activities relating to time use and work<br>b) Prepare a time plan for yourself<br>7. Preparation of different healthy snacks for an adolescent suitable in her/his context.<br>8.a) Record the fabrics and apparel used in a day<br>b) Categorize them according to functionality |
| 7.  | Dec -2023     | 09        | Unit V: Adulthood<br>Ch.- Health and Wellness  |   |
| 8.  | Jan-2024      | 21        | Ch.- Financial Management and planning   | 9.Plan a budget for a given situation/purpose   |

|     |            |    |  |   |
|-----|------------|----|--|---|
| 9.  | Feb- 2024  | 24 | Ch.- Care and Maintenance of fabrics<br>Revision | 10. (a) Analyze label of any one garment with respect to:<br>Clarity, fiber content, size and care instruction<br>(a) Prepare one care label of any garment.<br>(b) Analyze two different fabric samples for color fastness |
| 12. | March-2024 | 19 | Annual exam                                      |   |

**Portion for Assessments-2023 - 2024**

|                    |  |
|--------------------|--|
| <b>PT-1</b>        | <b>Unit I: Introduction to Home Science</b><br><b>Unit –II- Understanding Oneself: Adolescence</b> <ul style="list-style-type: none"> <li>• Understanding the Self. What Makes Me ‘I’?</li> <li>• . Development and Characteristics of the Self(Development characteristics and needs of adolescents)</li> <li>• Influences on Identity</li> <li>• Food ,Nutrition ,Health and Fitness</li> </ul>                        |
| <b>Half yearly</b> | Unit I: Introduction to Home Science<br>Unit II: Understanding oneself: Adolescence<br>Ch- Understanding the Self.<br>A. ‘Who am I’?<br>B. Development and Characteristics of the Self(Development characteristics and needs of adolescents)<br>C. Influences on Identity<br>Ch.- Food, Nutrition, Health and Fitness<br>Ch. - Management of Resources<br>Ch.- Fabric Around us<br>Ch-Media and Communication Technology |
| <b>PT-2</b>        | Ch. - Concerns and needs in diverse contexts:<br>a. Nutrition, Health and Hygiene<br>b. Resources Availability and Management  |
| <b>Annual</b>      | Full syllabus  |

Class: XI ABC

Scheme of Work: 2023-'2024

Sub: Painting (Theory)

| S.N | Month          | No. of Days | Hsitory of Indian art by Devender Kumari   |
|-----|----------------|-------------|--|
| 1   | April-2023     | 09          | <b>Unit 1 (a) - Pre historic rock painting:</b><br>Scection-1: Introduction pre-historic rock painting<br>Section-2: Period and location<br>Section-3: Study of the rock Paintings                 |
| 2   | May-2023       | 25          | <b>(b) Art of Indus Valley:</b><br>Section-1: Period and Location<br>Section-2: Study of Sculptures and Terracotta's<br>Section-3: Study of the Seal   |
| 3   | June-2023      | 20          | <b>Unit 2 Buddhist, Jain and Hindu Art:</b><br>Section-1: Introduction to art during Mauryan,Shunga<br>Section-2: Study of the Sculptures  |
| 4   | July-2023      | 06          | <b>Buddhist, Jain and Hindu Art:</b><br>Section-2: Study of the Sculptures (continue)  |
| 5   | August-2023    | 23          | <b>Introduction of Ajanta Art:</b><br>Location, Period, subject matter and technique. No. of Caves, Paintings and Sculptures   |
| 6   | September-2023 | 15          | <b>Unit 3</b><br><b>A. Temple Sculptures:</b><br>Section – 1: Artistic aspects of Indian Temple sculpture<br>Section – 2: Introduction of Temple Sculpture<br>Section – 3: Study of the Sculptures |
| 7   | October-2023   | 19          | <b>B. Bronzes:</b><br>Section – 1: Introduction to Indian Bronzes<br>Section – 2: Method of casting<br>Section – 3: Study of the south Indian Bronzes  |
| 8   | November-2023  | 22          | <b>C. Artistic aspects of Indo-Islamic architecture:</b><br>Section – 1: Introduction<br>Section - 2 Study of the architectures  |
| 9   | December-2023  | 15          | <b>Revision</b>  |
| 10  | January-2024   | 21          | <b>Revision</b>  |
| 11  | February-2024  | 23          | <b>Revision</b>  |
| 12  | March-2024     | 19          | <b>Revision</b>  |

### Portion for Assessments-2023-'24

|                         |  |  |
|-------------------------|--|--|
| <b>PT-1</b>             | Pre historic rock painting and Art of Indus Valley   | 1.Pre-Historic Rock-Paintings Introduction 1) Period and Location 2) Study Pre-historic paintings. 2. Indus valley civilization Introduction Period and Location, Extension: In about 1500 miles. Harappa & Mohenjo-daro (Now in Pakistan) ii. Ropar, Lothal, Rangpur, Alamgirpur, Kali Bangan, Banawali and Dholavira (in India) 2 Study of Sculptures and Terra cottas.  |
| <b>Half Yearly Exam</b> | Buddhist, jain and Hindu Art<br>Art of Ajanta Caves  | 1. General Introduction to Art during Mauryan, Shunga, Kushana (Gandhara and Mathura styles) and Gupta period: 2. Study and appreciation of following Sculptures. Introduction to Ajanta Location Period, No of caves, Chaitya and Vihara, paintings and sculptures, subject matter and technique etc.   |
| <b>PT-2</b>             | Temple Sculptures<br>Bronze Sculptures   | 1. Temple Sculpture, Bronzes and artistic aspects of Indian temple sculpture 2. Indo Islamic Architecture (A) Artistic aspects of Indian Temple sculpture (6th Century A.D. to 13th Century A.D.) 1) Introduction to Temple Sculpture (6th Century A.D. to 13th Century A.D.) 2) Study and appreciation of Temple-Sculptures.  |
| <b>Annual Exam</b>      | Pre historic rock painting and Art of Indus Valley<br>Buddhist, jain and Hindu Art<br>Art of Ajanta Caves<br>Temple Sculptures<br>Bronze Sculptures and Indo Islamic architecture, | 1.Pre-Historic Rock-Paintings Introduction 1) Period and Location 2) Study Pre-historic paintings. 2. Indus valley civilization Introduction Period and Location, Extension: In about 1500 miles. Harappa & Mohenjo-daro (Now in Pakistan) ii. Ropar, Lothal, Rangpur, Alamgirpur, Kali Bangan, Banawali and Dholavira (in India) 2 Study of Sculptures and Terra cottas.<br>1. General Introduction to Art during Mauryan, Shunga, Kushana (Gandhara and Mathura styles) and Gupta period: 2. Study and appreciation of following Sculptures. Introduction to Ajanta Location Period, No of caves, Chaitya and Vihara, paintings and sculptures, subject matter and technique etc.<br>1. Temple Sculpture, Bronzes and artistic aspects of Indian temple sculpture 2. Indo Islamic Architecture (A) Artistic aspects of Indian Temple sculpture (6th Century A.D. to 13th Century A.D.) 1) Introduction to Temple Sculpture (6th Century A.D. to 13th Century A.D.) 2) Study and appreciation of Temple-Sculptures. |

### Projects/Subject Enrichment Activities

| Month                      | Activity   | Objective/s  | Details & Evaluation  |
|----------------------------|--|--|---|
| April to August-2023       | Nature and object study<br>(Completion By 31 <sup>st</sup> Aug)  | Exercises in pencil with light & shade and in colour from fixed point of view                | Drawing-10<br>Treatment of colours-05<br>Overall impression-05                        |
| September to December-2023 | Painting Composition<br>(Completion By 8 <sup>th</sup> Jan 2024) | Imaginative Painting based on subjects from life & nature in water colour and poster colour. | Compositional arrangement-10<br>Treatment of colour-05<br>Originality, Creativity-05  |
| January-2024               | Portfolio Assessment<br>Submission by 29 <sup>th</sup> Feb 2024  | Record of the entire years performance from sketch to finished product.                      | Record of the entire year-10<br>Nature and object study-05<br>Painting composition-05 |
| February-2024              | Revision   |  | Total marks (Practical)-60  |