Delhi Public School Numaligarh

Syllabus Bifurcation

Session: 2023-24

Class XII: Commerce

Delhi Public School, Numaligarh

Class: XII **Scheme of Work: 2023-24** **Sub: English**

S.N	Month	No. of ID	Flamingo	Writing
1	April 2023	10	The Last Lesson Lost Spring Deep Water My Mother at Sixty Six	
	May2023	25	Keeping Quiet The Rattrap Indigo A Thing of Beauty	Notice Formal and Informal Invitations
2	June-2023	15	Poets and pancakes The Interview A Roadside Stand Aunt Jennifer's Tigers	Letter to the Editor Job Applications
3	July-2023	06	Going Places	
		24	Vistas	
5	Aug-2023	16	The Third Level The Tiger King Journey to the End of the Earth	Article Writing Report Writing
6	Sep-2023	20	The Enemy On the Face of It Memories of Childhood	
7	Oct-2023	23	Revision	
8	Nov-2023	09	Revision	
9	Dec-2023	21	Revision and ASL	
10	Jan-2024	24	Revision and ASL	
11	Feb-2024	19	Practicals and Exam	
12	March-2024	10	Exam	

Portion for Assessments-2023-24

PT-1	The Last Lesson Lost Spring Deep Water My Mother at Sixty Six Keeping Quiet	Notice Formal and Informal Invitations	Comprehension
Half Yearly Exam	The Rattrap Indigo A Thing of Beauty Poets and pancakes The Interview A Roadside Stand Aunt Jennifer's Tigers Going Places The Third Level The Tiger King Journey to the End of the Earth	Notice Formal and Informal Invitations Letter to the Editor Job Applications Article Writing Report Writing	Comprehension
Pre-Board 1	Full Syllabus		
Pre-Board 2	Full Syllabus		

Projects/Subject Enrichment Activities

Month	Activity	Objective/s	Details & Evaluation
June 2023	Project	• To listen to a podcast and write a report or Debate on the chosen topic	As per CBSE guidelines
Dec-2023	Assessment of Speaking and Listening	• To listen to lectures and talks and to be able to extract relevant and useful information for a specific purpose • To develop the art of formal public speaking	A Listening Skill test and a Speaking Skill test will be conducted

Class: XII   **Scheme of Work: 2023-24**   **Sub: Accountancy**

S.N	Month	No. of ID	Unit to be covered
1	**April-2023**	16	**Unit 1: Accounting for Partnership Firms** Chapter I-Accounting for Partnership-Fundamentals.
2	**May-2023**	25	**Unit 1: Accounting for Partnership Firms** Chapter I-Accounting for Partnership-Fundamentals. Chapter II-Goodwill. Chapter III-Change in the Profit Sharing Ratio among the existing partners. Chapter IV-Admission of a partner.
3	**June-2023**	15	**Unit 1: Accounting for Partnership Firms** Chapter IV-Admission of a partner.(Cont.)
4	**July-2023**	06	Qualifying Examination
5	**Aug-2023**	24	**Unit 1: Accounting for Partnership Firms.** Chapter V-Retirement and death of a partner. Chapter VI-Dissolution of Partnership Firm. **Unit 2: Accounting for Companies.** Chapter I-Accounting for Share Capital.
6	**Sep-2023**	16	**Unit 2: Accounting for Companies.** Chapter I-Accounting for Share Capital.(Cont.) Chapter I-Accounting for Debentures. **Unit 3: Analysis of Financial Statements** Chapter 1: Financial Statements of a Company.
7	**Oct-2023**	20	**Unit 3: Financial Statements Analysis** Chapter 2: Tools for Financial Statement Analysis Chapter 3: Accounting Ratios
8	**Nov-2023**	23	**Unit 3: Analysis of Financial Statements.** Chapter 4: Accounting Ratios (Cont.) **Unit 4: Cash Flow Statement.**
9	**Dec-2023**	09	**Revision**
10	**Jan-2024**	21	**Revision**
11	**Feb-2024**	24	**Revision**
12	**March-2024**	19	**Examination.**

Portion for Assessments-2021-22

QE	**Unit 2: Accounting for Partnership Firms** Chapter I-Accounting for Partnership-Fundamentals. Chapter II-Goodwill. Chapter III-Change in the Profit Sharing Ratio among the existing partners. Chapter IV-Admission of a Partner.
PB-1	Unit-1, Unit-2, and Unit -3
PB-2	Full syllabus
Board Exam	Full Syllabus

Projects/Subject Enrichment Activities

Month	Project	Objective/s	Details & Evaluation
Nov-2023	**Project Work** **One specific project** based on financial statement analysis of a company covering any two aspects from the following: 1. Comparative and common size financial statements 2. Accounting Ratios 3. Segment Reports 4. Cash Flow Statements	1. Judging operational efficiency of business. 2. Measuring short and long term financial position. 3. Intra-firm and Inter firm comparison of performance 4. Judging the solvency of enterprise.	The marks will be allocated under the following heads- a. Project File 12 Marks b. Viva 8 Marks Total 20 Marks

Class: XII   **Scheme of Work: 2023-24**   **Sub: Business Studies**

S.N	Month	No. of ID	Unit to be covered
1	April-2023	16	**Chapter 1- Nature and Significance of Management**
2	May-2023	25	**Chapter 2-Principles of Management.** **Chapter 3-Business Environment.**
3	June-2023	15	**Chapter 9- Marketing management.** **Chapter 4- Planning.**
4	July-2023	06	**Qualifying Exam**
5	Aug-2023	24	**Chapter 5-Organising.** **Chapter 6-Staffing**
6	Sep-2023	16	**Chapter 7-- Directing.** **Chapter 8- Controlling**
7	Oct-2023	20	**Chapter 9- Financial Management.**
8	Nov-2023	23	**Chapter 10- Financial Market.** **Chapter 12- Consumer Protection.**
9	Dec-2023	09	**Revision**
10	Jan-2024	21	**Revision**
11	Feb-2024	24	**Revision**
12	March-2024	19	**Examination.**

Portion for Assessments-2023-24

QE	Chapter 1-Nature and Significance of management Chapter 2- Principles of management. Chapter 3-Business **Environment**. Chapter 4-Planning Chapter 9-Marketing Management
PB-1	Chapters-1, 2, 3, 4, 5, 6, 7, 8, 9, 11
PB-2	Full syllabus
Board Exam	Full Syllabus

Projects/Subject Enrichment Activities

Month	Project	Objective/s	Details & Evaluation
June-Nov-2023	1. Project One: Elements of Business Environment 2. Project Two: Principles of Management. 3. Project Three: Stock Exchange. 4. Project Four: Marketing. (Students will select any one of the above mentioned projects)	1. To develop a practical approach by using modern technologies in the field of business and management. 2. To inculcate important skills of team work, problem solving, time management, analysing and synthesizing relevant information to derive meaningful conclusions.	The marks will be allocated under the following heads- a. Initiative, cooperativeness and participation 2Marks b. Creativity in presentation. 2Marks c. Content, observation and research work. 4 Marks d. Analysis of situations. 4Marks e. Viva 8 Marks f. Total 20Marks

Sl.no	Month	No of I. Days	**Introductory Macroeconomics**	**Indian Economic Development**
01	April	10	Unit1: National Income & Related Aggregates	
02	May	25	Unit 1: National income & Related Aggregates	Unit 6: Development Experience (1947-90) and Economic reforms since 1991.
03	June	15	Unit 2: Money and Banking	Unit 6: Economic reforms since 1991, Demonetization & GST
04	July	6	Unit 3: Problem of Excess demand and Deficient demand	
05	August	24	Unit 3: Problem of Excess demand and Deficient demand	Unit 7: Rural Development, Human Capital Formation, Employment
06	September	16	Unit 4: Government Budget and Economy	Unit 7: sustainable development
07	October	20	Unit 4: Government Budget and Economy	Unit 7: sustainable development
08	November	23	Unit 5: Balance of Payment	Unit 8: Developmental Experience
09	December	9	Revision	Revision
SUBJECT MAGAZINE FOR HALF YEARLY FOR EVALUATION OF 20 MARKS, SUBMISSION:28/7/23 (Internal assessment)/ presentation				
PROJECT AS PER CBSE GUIDELINES , SUBMISSION ON 28/7/2023 (CBSE, Project viva), Mock Viva will be conducted / Presentation				

PORTION FOR ASSESSMENT			
June	19/6/23 – 23/6/23	PT- 1 (Unit 1: National income & Related Aggregates)	PT -1(Unit 6: Development Experience (1947-90) and Economic reforms since 1991.)
October	19/10/23 – 01/11/23	PB-1	PB - 1
December	13/12/23 – 12/01/24	PB II = All syllabus	PB II = All syllabus

Criteria for Project Work/ Subject Magazine

Month	Activity	Objective	Details & Evaluation	Submission
April /May	Choose Topic Collection of data/material	• Probe deeper into theoretical concepts learnt in classes.	• Relevance of the topic - 3	
June	Organisation of data/ material Presentation of data/material	• Demonstrate the learning of economic theory	• Research work-6	
August-	Analysing the material/ data for conclusion	• Follow up aspects of economics in which learners have interest.	• Presentation-3	Magazine (Class –XI & XII). Both have to submit
October	Draw conclusion		• Viva-voce-8	
December	Presentation of the project			
July/ Oct/Nov	Project Submission	For Half Yearly- Date mention	For Annual /CBSE	Project (Class – XI & XII). Both have to Submit.

Sl.no.	Month	No.of ID	Topics
1	April	10	**Unit I Numbers, Quantification and Numerical Applications** • Modulo Arithmetic • Congruence modulo • Allegation and Mixture • Numerical problems on boats and streams; pipes and cistern;races and games.
2	May	25	**Unit I Numbers, Quantification and Numerical Applications (Contd.)** • Numerical inequalities **Unit II Algebra** • Matrices and types of matrices • Algebra of matrices • Determinants • Inverse of a matrix • Cramer's rule and its application • Simple applications of matrices and determinants including solution of simultaneous linear equations by matrix inversion method. **Unit III Calculus** **Differentiation and it's Applications** • Higher order derivatives • Application of derivatives (Rate measurer, equation of tangent and normal)
3	June	19	**Unit III Calculus (Contd.)** • Increasing and Decreasing functions • Maxima and Minima • Marginal cost and marginal revenue using derivatives **Integration and its Application** • Integration • Indefinite integral as family of curves • Definite integral as area under the curve • Integration of simple algebraic functions (primitive, by substitution, by parts) • Application of Integration (consumer surplus-producer surplus) • Differential equation (definition, order, degree) • Formulating and solving linear differential equation • Application of differential equation (Growth and Decay Model)

			Revision for QE
4	July	6	**Unit IV Probability** • Probability Distribution • Mathematical Expectation
5	Aug	24	**Unit IV Probability (contd.)** • Variance • Binomial Distribution • Poisson distribution • Normal distribution • Basic applications and inferences **Unit V Inferential Statistics** • Population and sample • Parameter, statistic and statistical inferences • t-Test (one sample t-test and two independent groups t-test)
6	Sept	25	**Unit VI Index numbers and Time-based data** • Index numbers, uses of index numbers • Construction of index numbers (simple and weighted) • Tests of adequacy of index numbers (unit test and time reversal test) • Time series, Time series analysis for univariant data sets • Trend analysis by moving average method • Trend analysis by fitting of linear trend line using method least squares **Unit VII Financial Mathematics** • Perpetuity, Sinking funds • Valuation of Bonds (Present value approach and Relative price approach) • Calculation of EMI • Calculation of returns, nominal rate of return, effective rate of interest • Compound annual growth rate • Linear method of depreciation
7	Oct	14	**Unit VIII Linear Programming** • Introduction and related terminologies (constraints, objective function,optimization) • Mathematical formulation of linear programming problems • Different types of linear programming problems (Transportation and assignment

			problem)
			• Graphical method of solution for problems in two variables
			• Feasible and infeasible regions (bounded and unbounded)
			• Feasible and infeasible solutions, optimal feasible solutions (up to three non-trivial constraints)
			Revision for PB-1

Portion for Assessments-2023-24

QE	**Unit I Numbers, Quantification and Numerical Applications** • Modulo Arithmetic • Congruence modulo • Allegation or Mixture • Numerical problems on boats and streams; pipes and cistern;races and games. **Unit II Algebra** • Matrices and types of matrices • Algebra of matrices • Determinants • Inverse of a matrix • Cramer's rule and its application • Simple applications of matrices and determinants including solution of simultaneous linear equations by matrix inversion method. **Unit III Calculus** **Differentiation and it's Applications** • Higher order derivatives • Application of derivatives (Rate measurer, equation of tangent and normal) • Increasing and Decreasing functions • Maxima and Minima • Marginal cost and marginal revenue using derivatives **Integration and its Application** • Integration • Indefinite integral as family of curves • Definite integral as area under the curve • Integration of simple algebraic functions (primitive, by substitution, by parts) • Application of Integration (consumer surplus-producer surplus) • Differential equation (definition, order, degree) • Formulating and solving linear differential equation

	• Application of differential equation (Growth and Decay Model)
PB-I	Entire Syllabus
PB- II	Entire Syllabus

Practicals

1. Plot the graphs of functions on excel and study the graph to find out point of maxima/minima
2. Probability and dice roll simulation
3. Matrix multiplication and inverse of a matrix
4. Stock Market data sheet on excel
5. Collect the data on weather, price, inflation, and pollution; analyze the data and make meaningful inferences
6. Collect data from newspapers on traffic, sports activities and on market trends and use excel to study future trends.

Projects

1. Check out the local newspaper and cut out examples of information depicted by graphs. Draw your own conclusions from the graph and compare it with the analysis given in the report.
2. Analysis career graph of a cricketer (batting average for a batsman and bowling average for a bowler). Conclude the best year of his career.
3. Each day newspaper tells us about the maximum temperature, minimum temperature,humidity. Collect the data for a period of 30 days and represent it graphically. Compare it with the data available for the same time period for the previous year
4. Analysis of population migration data – positive and negative influence on urbanization;

Assessment of practical and Project

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

Class: XII   **Scheme of Work2023-24**   **Subject- Psychology**

S.N	Month	No. of ID	Unit to be Covered	PRACTICAL
1	**April 2023**	10	1.Variation in Psychological Attributes	
2	**May 2023**	25	1. Variation in Psychological Attributes 2.Self and Personality	MPI(Maudsely Personality Inventory)
3	**June 2023**	15	3.Meeting life Challenges	
4	**July 2023**	6	4. Psychological Disorders	
5	**Aug 2023**	24	4. Psychological Disorders 5. Therapeutic Approaches	AISS(Adjustment Inventory for School Children)
6	**Sep 2023**	16	5.Therapeutic Approaches	SPM(Standaed progressive matrices0
7	**Oct 2023**	20	6. Social Influence and group Processes	
8	**Nov 2023**	23	7. Attitude and Social Cognition	

Portion for Assessments-2023-24

QE(June-July23)	• Variation in Psychological Attributes • Self and Personality • Meeting life Challenges	
PB-(Oct23)	CH-1,2,3,4,5,6 (approx.	
PB-II(Dec-Jan 23)	CH-1,2,3,4,5,6,7	
NEP	--	-------------------------------

Projects/Subject Enrichment Activities

Month	Activity	Objective/s	Details & Evaluation
May-2023	**Project on Personality assessment**	The students will learn and understand the concept of assessment.	• Correct information • Presentation
Aug-2023	Case study	The students will learn about the various psychological attributes of the subject and will carry out psychometric test as well as survey and observation	• Correct information(content) • Presentation(written in clear manner)
Sep2023	Questionnaire	The students will learn how to make a standardized psychometric test	• Pilot survey • Scoring • Items validity and reliability

Class: XII- A,B,C   **Scheme of Work: 2023 -2024**   **Sub: Home Science**

S.N	Month	No. of ID	NCERT Home Science Text book (Part I & Part II)	Practical
1.	April- 2023	10	**Unit I- Work, Livelihood and Career** **Chapter** 1: Work ,Livelihood and Career • Introduction • Traditional occupation in India • Work, age Gender	**Activity 3-** Visit to local artisans, Students will prepare resource file on the local traditional art, craft and cuisins. **Activity-4-** Collect information on women in your region who have contributed significantly to society
	May- 2023	25	• Life skills for livelihood • Ergonomics • Entrepreneurship **Unit 2- Nutrition, Food Science and Technology** **Chapter 2-** Clinical Nutrition and Dietetics	**Activity 5-** Prepare a power point presentation of distinguished women in Science, Technology, Mathematics, sports,Education,Literature,Medicine and other important areas.
2.	June-2023	15	**Unit 2- Nutrition, Food Science and Technology** **Chapter 3-**Public Nutrition and Health **Chapter 5 –** Food Processing and Technology	1. Modification of normal diet to soft diet for elderly person. 2. Development and preparation of supplementary foods for nutrition programme. 3. Planning a menu for a school canteen or mid-day meal in school for a week. 4. Design, prepare and evaluate a processed food product.
3.	July 23	06	**Chapter 6-** Food Quality and Food Safety	5. Qualitative test for food adulteration in: pure ghee, tea leaves, whole black pepper, turmeric powder, milk, asafoetida.
3.	August- 2023	23	**Unit III-Human Development and Family Studies.** **Chapter 7-** Early Childhood Care and Education**.** **Chapter 10-** Management of Support Services ,Institutions and programmes for Children, youth and Elderly	6. Preparation and use of any one teaching aid to communicate socially relevant messages for children/ adolescents /adults in the community. OR Preparation of any one toy for children (age appropriate) using locally available and indigenous material
4.	September-2022	15	Unit 4- Fabric And Apparel Chapter 11: Design for Fabric and Apparel Chapter 12: Fashion Design and Merchandising Ch- 15: Care and Maintenance of Fabrics in Institutions	7. Preparation of any one article using applied textile design techniques; tie and dye/batik/block printing. 8. Remove different types of stains from white cotton cloth –Ball pen, curry, grease, ink, lipstick, tea and coffee.
5.	October-2022	20	**Unit V-Resource Management** **Chapter 17**: Hospitality Management **Chapter 20:** Consumer Education and Protection	10. Evaluate any one advertisement for any job position. 11. Develop a leaflet/pamphlet for Consumer Education and Protection on any one of the following

			UNIT VI – Communication and Extension **Ch-21**- Development Communication and Journalism	a) Consumer Protection Act (CPA) b) Consumer responsibilities c) Consumer organization d) Consumer Problem
6.	Nov 2022	23	**Revision, PB-I**	
7.	Dec-2022	09	**Revision, PB-II**	
8.	Jan-2023	21	**Revision, PB-III**	
9.	Feb-2023	24	**Self study at home/hostel**	
10.	March-2023	19	**Board Exam**	

Portion for Assessments-2023 - 2024

PT-1	**Unit I- Work, Livelihood and Career** **Chapter** 1: Work ,Livelihood and Career **Unit 2- Nutrition, Food Science and Technology** **Chapter 2**- Clinical Nutrition and Dietetics. **Chapter 3**-Public Nutrition and Health
Half Yearly Exam	**Unit I- Work, Livelihood and Career** **Chapter** 1: Work ,Livelihood and Career **Unit 2- Nutrition, Food Science and Technology** **Chapter 2**- Clinical Nutrition and Dietetics **Chapter 3**-Public Nutrition and Health **Chapter 5** – Food Processing and Technology **Chapter 6**- Food Quality and Food Safety **Unit III-Human Development and Family Studies.** **Chapter 7**- Early Childhood Care and Education. **Chapter 10**- Management of Support Services ,Institutions and programmes for Children, youth and Elderly
PB-1	**Full Syllabus**
PB-2	**Full Syllabus**
AISSCE 2023 -2024	**Full Syllabus**

Project

Any one of the following project may be undertaken and evaluated –
1. Study of an integrated community based, nutrition/health programme being implemented in own area , with reference to –
   a) Programme objectives
   b) Focal group/ Beneficiaries
   c) Modalities of implementation
2. Visit to the neighbouring areas and interview two adolescents and two adults regarding their perception of persons with special needs.
3. Profile any two person (child/adult) with special needs to find out their diet, clothing , activities, physical and psychological needs.
4. Planning any five messages for nutrition, health and life skills using different modes of communication for different focal groups.
5. Market survey any five processed foods with their packaging and label information

Class: XII   **Scheme of Work: 2023-'24**   **Sub: Painting (Theory)**

SL no	Month	No. of Days	History of Indian art by Devender Kumari
1	April-2023	09	**Unit-1** **(a) Rajasthani School of Miniature Painting.** Section – 1: Origin and development Section - 2: Main features.. Section – 3: Study of the Paintings
2	May-2023	25	**Section – 3: Study of Rajasthani miniature Paintings (continue)**
3	June-2023	20	** (b) Pahari School of miniature Paintings.** Section – 1: Origin and development Section – 2: Main features… **Section - 3: Study of the paintings.**
4	July-2023	06	**Unit-2** **(a) Mughal School of miniature Painting.** Section – 1: Origin and development Section – 2: Main features…..
5	Aug-2023	23	**Section-3: Study of Mughal Paintings**
6	Sept-2023	15	** (b) The Deccan school** **Contribution of Indian artist in the struggle for National Freedom Movement Indian National Flag & the Symbolic significance of its forms and the colours**

7	Oct-2023	19	**Unit-3**
			    (a) The Bengal School of Painting and the Modern trends in Indian Art (About the beginning to mid of the 20th Century)
			    (i) National Flag of India and the Symbolic significance of its forms and the colour
			8(ii) Introduction of Bengal school of painting.
			9Origin and development
			Main Features…

8	Nov-2023	22	**(iii) Study of the Bengal School of Paintings..**
9	Dec-2023	15	** (b) Introduction of modern trends in Indian art** **(i) Study of Modern painting**
10	Jan-2024	21	**(ii) Study of the Graphic Prints**
11	Feb-2024	23	**(iii) Study of the Sculptures**
12	Mar-2024	19	** Revision**

Portion for Assessments-2023-24

PT-1	Rajashani miniature painting and Pahari school of miniature painting.	Origin and development, Main features, Study of the Paintings, Sub-Schools.
Half Yearly Exam	Rajasthani school of miniature Painting Pahari school of miniature painting Mughal school of miniature painting and Deccan school of miniature Painting	Origin and development, Main features, Study of the Paintings.
PT-2	Indian national Flag, Bengal school of painting and modern trends of Indian art.	Origin and development, Main features, Study of the Paintings, evolution of National Flag, significance of its forms and the colours.
Annual Exam	Rajasthani school of miniature painting Pahari school of miniature Painting Mughal school of miniature painting and Deccan school of miniature Painting Indian national Flag, Bengal school of painting and modern trends of Indian art. Deccan school miniature Painting Indian National flag & Bengal school of Art	Origin and development, Main features, Study of the Paintings, evolution of National Flag, significance of its forms and the colours, study of the work of Contemporary Modern Indian art.

Projects/Subject Enrichment Activities

Month	Activity	Objectives	Details & Evaluation
April to Aug -2023	Nature and object study (Completion By 31st Aug)	Exercises in pencil with light & shade and in colour from fixed point of view	Drawing-15 Treatment of colours-05 Overall impression-05
September to December-2023	Painting Composition (Completion By 30st Nov)	Imaginative Painting based on subjects from life & nature in water colour and poster colour.	Compositional arrangement-15 Treatment of colour-05 Originality, Creativity-05
January-2024	Portfolio Assessment (Submission by 9th Dec 2024)	Record of the entire Years performance from sketch to finished product.	Record of the entire year-10 Nature and object study-05 Painting composition-05
Feb-2024	Revision		Total marks(Practical)-70