



# DELHI PUBLIC SCHOOL DHENKANAL

SESSION 2022-23

## CLASS 11 COMMERCE

Month	SUBJECT	Topics to taught
JULY	ENGLISH	Introduction to the Curriculum Hornbill : The Portrait of a Lady , A Photograph (Poem) <b>Snapshots:</b> The Summer of the Beautiful White Horse <b>Reading &amp; Writing Skills:</b> Reading comprehension and Classified advertisement and Poster <b>Grammar &amp; Language Activities:</b> Tenses and ASL
	ECONOMICS	Part-B Unit - 4 Introduction to Economics, Basic problems and production possibility curve, Consumer Equilibrium Part-A Unit - 1 Introduction to Statistics
	ACCOUNTANCY	Introduction to Accounting Theory base of Accounting
	BUSINESS STUDIES	Evolution and Fundamentals of business Forms of Business Organisations
	APPLIED MATHEMATICS	<b>Unit – 1: NUMBERS &amp; QUANTIFICATION</b> Binary Numbers, Indices, Logarithm and Antilogarithm, Laws and Properties of Logarithm, Simple applications of logarithm and antilogarithm. (Contd.) <b>Unit – 2: ALGEBRA (SETS)</b> Introduction to sets, Representation of sets, Types of sets and their notations, Subsets, Intervals, Venn diagrams, Operation on sets (Contd.)
	PHYSICAL EDUCATION	Changing trend and career in physical education
	INFORMATION PRACTICES	Unit 1: Introduction to Computer System Introduction to computer and computing: evolution of computing devices, components of a computer system and their interconnections, Input/output devices. Computer Memory: Units of memory, types of memory – primary and Secondary, data deletion, its recovery and related security concerns.

		Software: purpose and types – system and application software, generic and specific purpose software
AUG	ENGLISH	<b>Hornbill:We're Not Afraid to die if we can....</b> and The Laburnum Top(Poem) Snapshot :The Address <b>Reading &amp; Writing Skills: Note making and Summarization and Speech</b> <b>Grammar &amp;Language Activities: Clauses</b> and ASL
	ECONOMICS	Part-A Unit - 2 Collection, organisation and presentation of data Part-B Unit - 5 Theory of Demand
	ACCOUNTANCY	Recording of Transactions-I Recording of Transactions-II
	BUSINESS STUDIES	Private, Public and Global Enterprises

	APPLIED MATHEMATICS	<b>Unit – 1: NUMERICAL APPLICATIONS</b> Average, Clock, Calendar, Time, Work and Distance, Mensuration, Seating arrangement. <b>Unit – 2: ALGEBRA (RELATIONS)</b> Order pairs and Cartesian product of two sets, Relations. <b>SEQUENCE AND SERIES</b> Sequence and Series, AP, GP, Applications of AP & GP.
	INFORMATION PRACTICES	Unit 2: Introduction to Python Basics of Python programming, Python interpreter - interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables, types of operators, precedence of operators, data types, mutable and immutable data types, statements, expressions, evaluation and comments, input and output statements, data type Conversion, debugging. Control Statements: if-else, for loop
	PHYSICAL EDUCATION	Olympic and value education
SEPTEMBER	ENGLISH	<b>Hornbill : Discovering Tut: The Saga continues</b> and <b>The Voice of the Rain (Poem)</b> <b>Snapshot :Mother's Day</b> <b>Reading &amp; Writing Skills:</b> Reading comprehension and Debate writing <b>Grammar &amp;Language Activities: Clauses</b> and ASL
	ECONOMICS	Part-A Unit - 3 Statistical tools and interpretation - Measures of central tendency Part-B Unit - 6 Producer behavior and supply
	ACCOUNTANCY	Trial Balance & Rectification of Errors

	<b>BUSINESS STUDIES</b>	Business Services Emerging modes of Business
	<b>APPLIED MATHEMATICS</b>	<b>Unit – 2: ALGEBRA (PERMUTATIONS &amp; COMBINATIONS)</b> Factorial, Fundamental principle of Counting, Permutations, Combinations. <b>Unit – 3 : MATHEMATICAL REASONING</b> <b>Unit – 4 : CALCULUS</b> Functions, Domain and Range of a function, Types of Functions, Graphical representation of Functions
	<b>INFORMATION PRACTICES</b>	Lists: list operations - creating, initializing, traversing and manipulating lists list methods and built-in functions
	<b>PHYSICAL EDUCATION</b>	Physical fitness, wellness and lifestyle Physical education and sports for CWSN
<b>OCTOBER</b>	<b>ENGLISH</b>	<b>Hornbill: The Adventure</b> <b>Snapshot :Birth</b> <b>Reading &amp; Writing Skills: Reading comprehension and Classified Advertisement</b> <b>Grammar and Language Activities :Re-ordering of Sentences and ASL</b>
	<b>ECONOMICS</b>	Part-B Unit - 6 Cost and revenue Part-A Unit - 3 Measures of correlation
	<b>ACCOUNTANCY</b>	Bills of Exchange Depreciation, Provision and Reserves
	<b>BUSINESS STUDIES</b>	Social Responsible of business and Business Ethics
	<b>APPLIED MATHEMATICS</b>	<b>Unit – 4 : CALCULUS</b> Concepts of Limits and Continuity, Instantaneous rate of change, Derivatives, Derivative using Chain Rule. <b>Unit- 5: PROBABILITY</b> Random Experiments and Sample Space, Events, Conditional Probability, Total Probability, Bayes' Theorem.

	<b>INFORMATION PRACTICES</b>	Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements, dictionary methods and built-in functions
	<b>PHYSICAL EDUCATION</b>	yoga
<b>NOVEMBER</b>	<b>ENGLISH</b>	<b>Hornbill:Childhood</b> <b>Reading &amp; Writing Skills: Reading comprehension and Poster</b> <b>Grammar &amp; Language Activities: Tenses and ASL</b>

	<b>ECONOMICS</b>	Part-A Unit - 3 Introduction to index numbers
	<b>ACCOUNTANCY</b>	Financial Statements-I Financial Statements-II
	<b>BUSINESS STUDIES</b>	Sources of Business Finance Small Business
	<b>APPLIED MATHEMATICS</b>	<b>Unit- 6: DESCRIPTIVE STATISTICS</b> Measure of Dispersion, Skewness and Kurtosis, Percentile rank and Quartile rank, Correlation. <b>Unit – 7: FINANCIAL MATHEMATICS</b> Interest and Interest Rates, Accumulation with simple and compound interest, Simple and Compound interest rates with equivalency, Effective rate of interest. (Contd.)
	<b>INFORMATION PRACTICES</b>	Unit 3: Database concepts and the Structured Query Language Database Concepts: Introduction to database concepts and its need, Database Management System. Relational data model: Concept of domain, tuple, relation, candidate key, primary key, alternate key, Advantages of using Structured Query Language, Data Definition Language, Data Query Language and Data Manipulation Language, Introduction to MySQL, creating a database using MySQL, Data Types
	<b>PHYSICAL EDUCATION</b>	Physical activity and leadership training Test measurement and evaluation
<b>DECEMBER</b>	<b>ENGLISH</b>	<b>Hornbill:Silk Road</b> <b>Reading &amp; Writing Skills:Note making, Summarization and Speech</b> <b>Grammar &amp;Language Activities :Clauses and ASL</b>
	<b>ECONOMICS</b>	Part-B Unit - 7 Forms of market and price determination

	<b>ACCOUNTANCY</b>	Bank Reconciliation Statement Accounts from Incomplete Records
	<b>BUSINESS STUDIES</b>	Internal Trade

	<b>APPLIED MATHEMATICS</b>	<b>Unit – 7: FINANCIAL MATHEMATICS</b> Present value, Net present value and Future value, Annuities, Calculating value of Regular Annuity, Simple applications of regular annuities (upto 3 periods). (Contd.) <b>Unit – 8: COORDINATE GEOMETRY</b> Straight Line, Circle (Contd.)
	<b>INFORMATION PRACTICES</b>	Unit 3: Database concepts and the Structured Query Language Data Definition: CREATE TABLE Data Manipulation: INSERT Data Query: SELECT, FROM, WHERE
	<b>PHYSICAL EDU</b>	Fundamental anatomy physiology, kinesiology in sports
<b>JANUARY</b>	<b>ENGLISH</b>	<b>Hornbill: Father to Son</b> <b>Snapshots :The Tale of Melon City</b> <b>Reading &amp; Writing Skills: Reading comprehension and Debate writing</b> <b>Grammar &amp; Language Activities :Re-ordering of Sentences and ASL</b>
	<b>ECONOMICS</b>	Revision and project preparation
	<b>ACCOUNTANCY</b>	Applications of computers in Accounting Computerised Accounting system Applications of DBMS
	<b>BUSINESS STUDIES</b>	international Business
	<b>APPLIED MATHEMATICS</b>	<b>Unit – 7: FINANCIAL MATHEMATICS</b> Tax, Calculation of tax, Simple applications of tax calculation in Goods and Service tax, Income Tax, Bills, Tariff rates, fixed charge, Surcharge, Service charge, Calculation and interpretation of electricity bill, water supply bill and other supply bills. <b>Unit – 8: COORDINATE GEOMETRY</b> Parabola.
	<b>INFORMATION PRACTICES</b>	Unit 4: Introduction to the Emerging Trends Artificial Intelligence, Machine Learning, Natural Language Processing, Immersive experience (AR, VR), Robotics, Big data and its characteristics, Internet of Things (IoT), Sensors, Smart cities, Cloud Computing and Cloud Services (SaaS, IaaS, PaaS); Grid Computing, Block chain technology
	<b>PHYSICAL EDUCATION</b>	Psychology and sports Project work
<b>FEBRUARY</b>	<b>ENGLISH</b>	<b>REVISION/TEST</b>
	<b>ECONOMICS</b>	<b>REVISION/TEST</b>
	<b>ACCOUNTANCY</b>	<b>REVISION/TEST</b>

	BUSINESS STUDIES	PROJECT WORK/REVISION
	APPLIED MATHEMATICS	REVISION/TEST
	INFORMATION PRACTICES	Thorough Revision for the Final Examinations
	PHYSICAL EDUCATION	TRAINING AND DOPING IN SPORT ,REVISION/TEST
MARCH	ENGLISH	ANNUAL EXAMINATION
	ECONOMICS	
	ACCOUNTANCY	
	BUSINESS STUDIES	
	APPLIED MATHEMATICS	
	INFORMATION PRACTICES	
	PHYSICAL EDUCATION	
