DELETED PORTION
MATHEMATICS - 041
CLASS XI

UNIT/ CHAPTER	SYLLABUS REDUCED
Unit- I: Sets and Functions	
1.Sets	☐ Difference of sets. ☐ Complement of a set. Properties of Complement
2.Relations & Functions	☐ (up to RXRXR). ☐ Sum, Difference, product and quotients of functions
3. Trigonometric Functions	☐ General Solutions of trigonometric equations of the type siny=sina, cosy=cosa and tany= tana.
Unit II: Algebra	
1.Principle of Mathematical Induction	☐ Delete full chapter
2.Complex Numbers and Quadratic Equations	☐ Polar representation of complex numbers. ☐ Square root of a complex number.
3.Linear Inequalities	Nil
4. Permutations and Combinations	☐ Derivationof formulae for $^nP_r$and^nC_r
5.Binomial theorem	☐ Delete full Chapter
6. Sequence and Series	☐ Formulae for the following special sums $\sum k, \sum k^2, \sum k^3$.
Unit III: Coordinate geometry	
1.Straight Lines	☐ Shifting of origin. ☐ Equation of family of lines passing through the point of intersection of two lines.
2 Conic sections	☐ a point, a straight line and a pair of intersecting lines as a degenerated case of a conic section.
3.Introduction to Three-dimensional Geometry	Nil
Unit-IV : Calculus	
1.Limits and Derivatives	Nil
Unit-V : Mathematical Reasoning	
1.Mathematical Reasoning	☐ Delete full chapter
Unit-VI: Statistics and Probability	

1. Statistics	☐ Analysis of frequency distributions with equal means but different variances.
2. Probability	☐ Axiomatic (set theoretic) probability, connections with other theories of earlier classes

CLASS XII

UNIT/CHAPTER	SYLLABUS REDUCED
Unit1: Relations and Functions	
1. Relations and Functions	□ composite functions, inverse of a function.
2. Inverse Trigonometric Functions	□ Graphs of inverse trigonometric functions □ Elementary properties of inverse trigonometric functions
Unit2: Algebra	
1. Matrices	□ existence of non-zero matrices whose product is the zero matrix. □ Concept of elementary row and column operations. □ proof of the uniqueness of inverse, if it exists.
2. Determinants	□ properties of determinants □ Consistency, inconsistency and number of solutions of system of linear equations by examples,
Unit-III: Calculus	
1. Continuity and Differentiability	□ Rolle's and Lagrange's Mean Value Theorems (without proof) and their geometric interpretation.
2. Applications of Derivatives	□ rate of change of bodies, use of derivatives in approximation □
3. Integrals	$\int \sqrt{ax2 + bx + c}$ dx, $\int (ax + b)\sqrt{ax2 + bx + c}$ dx □ Definite integrals as a limit of a sum
4. Applications of the Integrals	□ Area between any of the two above said curves
5. Differential Equations	□ formation of differential equation whose general solution is given. □ Solutions of linear differential equation of the type: $\frac{dx}{dy}$+px=q,where p and q are functions of y or constants.
Unit-IV: Vectors and Three-Dimensional Geometry	
1. Vectors	scalar triple product of vectors.
2. Three - dimensional Geometry	□ Angle between (i) two lines, (ii) two planes, (iii) a line and a plane

Unit-V: Linear Programming	
1. Linear Programming	☐ mathematical formulation of L.P. problems ☐ (unbounded)
Unit-VI: Probability	
1. Probability	☐ mean and variance of random variable. Binomial probability distribution.

BUSINESS STUDIES (Code No. 054)

CLASS–XI

Part A: Foundation of Business

Unit	Topics deleted
Unit 2: Forms of Business organizations	Choice of form of business organization
Unit 3: Public, Private and Global Enterprises	Global Enterprises – Feature. Joint ventures, Public private partnership – concept
Unit 4: Business Services	Postal Service - Mail, Registered Post, Parcel, Speed Post, Courier - meaning
Unit 5: Emerging Modes of Business	Business Process Outsourcing (BPO): Concept, need and scope
Unit 6: Social Responsibility of Business and Business Ethics	Business Ethics - Concept and Elements

Part B: Finance and Trade

Unit	Topic deleted
Unit 7: Sources of Business Finance	Borrowed funds: Inter Corporate Deposits (ICD) – Concept
Unit 9: Internal Trade	Types of retail-trade-Itinerant and small scale fixed shops retailers
	GST (Goods and Services Tax): Concept
Unit 10: International Trade	Export trade – Meaning and procedure
	Import Trade - Meaning and procedure
	Documents involved in International Trade: indent, letter of credit, shipping order, shipping bills, mate's receipt (DA/DP)
	World Trade Organization (WTO) meaning and objectives

CLASS–XII

Part A: Principles and Functions of Management

Unit	Topic deleted
Unit 3: Business Environment	Demonetization - concept
	Impact of Government policy changes on business with special reference to liberalization, privatization and globalization in India
Unit 4: Planning	Single use and standing plans. Objectives, Strategy, Policy, Procedure, method Rule, budget and Programme
Unit 5: Organising	Topics Deleted
	Formal and informal organisation- concept
Unit 6: Staffing	Staffing as a part of Human Resource Management concept
Unit 7: Directing	barriers to effective communication, how to overcome the barriers
Unit 8: Controlling	Relationship between planning and controlling

Part B: Business Finance and Marketing

Unit	Topic deleted
Unit 11: Marketing	Physical Distribution – components and channels of distribution
Unit 12: Consumer Protection	Consumer Protection: importance
	Consumer awareness - Role of consumer organizations and Non-Governmental Organizations (NGOs)

ECONOMICS (Code No. 030)

CLASS – XI

Part A: Statistics for Economics

Unit	Topics Deleted
Unit 3: Statistical Tools and Interpretation	**Measures of Dispersion** - (range, quartile deviation, mean deviation and); (co-efficient of range, co-efficient of quartile-deviation, co-efficient of mean deviation, **Correlation** –Spearman's rank correlation. **Index Numbers** - index of industrial production

Part B: Introductory Microeconomics

Unit	Topics Deleted
Unit 4: Introduction	concepts of production possibility frontier and
Unit 6: Producer Behaviour and Supply	Producer's equilibrium-meaning and its conditions in terms of marginal revenue-marginal cost.
Unit 7: Forms of Market and Price Determination under Perfect Competition with simple applications	Other Market Forms - monopoly, monopolistic competition - their meaning and features

CLASS - XII

Part A: Introductory Macroeconomics

Unit	Topics Deleted
Unit 2: Money and Banking	Control of Credit through Bank Rate, CRR, SLR, Repo Rate and Reverse Repo Rate, Open Market Operations, Margin requirement.
Unit 5: Balance of Payments	Balance of payments deficit-meaning. Determination of exchange rate in a free market.

Part B: Indian Economic Development

Unit	Topics Deleted
Unit 7: Current challenges facing Indian Economy	Growth of Education Sector in India alternative farming - organic farming **Infrastructure**: Energy

ACCOUNTANCY (Code No. 055)

Class-XI

PART A: FINANCIAL ACCOUNTING - I

Unit-2: Accounting Process

Topics Deleted

Bank Reconciliation Statement:
● Bank Reconciliation Statement with Adjusted Cash Book
 	
Accounting for Bills of Exchange
    Retirement of bill
    Renewal of bill

Part B: Financial Accounting - II

Unit 3: Financial Statements of Sole Proprietorship

Units/Topics
Incomplete Records Difference between accounts from incomplete records and Statement of Affairs. Preparation of Trading, Profit and Loss account and Balance Sheet.

Unit 4: Computers in Accounting

Units/Topics
● Introduction to operating software, utility software and application software. Introduction to accounting information system (AIS) as a part of Management Information System. ● Stages in automation: (a) Accounting process in a computerised environment; comparison between manual accounting process and computerised accounting process, (b) Sourcing of accounting software; kinds of software: readymade software; customised software and tailor-made software; generic considerations before sourcing accounting software (c) creation of account groups and hierarchy (d) generation of reports - trial balance, profit and loss account and balance sheet

- **5 lectures were reduced in project work.**
- **Total lectures reduced are 45 lectures.**

Class-XII

Part A: Accounting for Not-for-Profit Organizations, Partnership Firms and Companies

Unit 2: Accounting for Partnership Firms

Units/Topics
Accounting for Partnership firms - Reconstitution and Dissolution. ● **Admission of a partner** - adjustment of capital accounts and preparation of balance sheet. ● **Retirement and death of a partner:** adjustment of capital accounts. Preparation of loan account of the retiring partner. ● Preparation of deceased partner's capital account and his executor's account.

Unit - 3 Accounting for Companies

Units/ Topics
Accounting for Debentures ● Redemption of debentures-Methods: Lump sum, draw of lots.

Project Work:

From session 2020-21 onwards, there would be only ONE project (specific) to be prepared.

Note: Kindly refer to the related Guidelines published by the CBSE.

- **Since there is only one project instead of three hence 10 Lectures were reduced in the same.**