

SEMESTER - III

DEBT MARKETS

Module 3.1

UNIT I : INTRODUCTION TO THE DEBT MARKETS

- Evolution of Debt Markets in India
- Money market & Debt Market in India
- Regulatory framework in the Indian debt market

UNIT II : INSTRUMENTS & PLAYERS IN DEBT MARKETS

- Government securities, PSU bonds & Corporate Bonds
- Open market operations
- Securities Trading Corporation of India
- Primary dealers in Government Securities

UNIT III : BONDS

- Features of bonds
- Types of bonds
- Issuers of bonds
- Bond ratings- importance & relevance and rating agencies.

UNIT IV : VALUATION OF BONDS

- Determinants of the value of bonds
- Primary market & secondary market
- Bond Mathematics
- Yield Curve Analysis

CORPORATE FINANCE -I

Module 3.2

Unit I : Corporate Finance - An Overview

- Functions of finance in a business enterprise
- Emergence of corporate finance as an integral part of business finance
- Need for professional approach in managing corporate finance
- Role and Functions of a corporate financial manager
- Requirements of an efficient corporate financial manager

Unit II : Planning the Corporate Financial Activities

- Theories of Capitalization
- Owned capital and borrowed capital- cost of capital
- Break-even analysis

Unit III

- Capital structure-meaning and definition
- Factors affecting capital structure.Trading on equity
- Watered capital, over capitalization and under capitalization
- NPV, IRR, DCF Analysis and Pay-Back periods

Unit IV : Sources and Methods of Raising Corporate Finance

- Types and Features of corporate securities currently available
- Management of new issues including pricing of securities
- Commercial banks and investments banks in financing the corporate sector
- Leasing as a method of corporate finance
- Venture financing
- Credit rating services-role and relevance

EQUITY MARKETS : Paper - I

Module 3.3

Unit I : Introduction

- Meaning and Definition of equity shares
- Growth of corporate sector and the simultaneous growth of equity shareholders
- Divorce between ownership and management in companies
- Development of equity culture in India
- Current position

Unit II : Market For Equity - Primary Markets

- IPO - Methods followed
- Book building
- Role of merchant bankers in fixing the price
- Red-Herring Prospectus -it's unique features
- Green Shoe option - Sweat equity, ESOP
- Rights issue of shares
- Non voting shares
- ADR, GDR, IDR

Unit III : Market For Equity - Secondary Markets

- Definition and functions of Stock Exchanges
- Evolution and Growth of Stock Exchanges
- Stock Exchanges in India
- NSE, BSE, OTCEI and Overseas Stock Exchanges
- Recent Development in Stock Exchanges
- Stock Market Indices

Unit IV : Importance of Equity Markets in a Developing Country like India

- Need for attracting more investors towards equity
- Need for strengthening secondary markets
- Link between Primary Market and Secondary Market

BANKING IN FINANCIAL SYSTEM

Module 3.4

Unit I : Principles and Practices of Banking

- Indian Financial System
- Types and Function of Banks
- Banking Technology
- Marketing of Banking Services / Products

Unit II : Accounting and Finance for Bankers

- Basics of Business Mathematics
- Accounting in Banks / Branches
- Bank Accounting and Balance Sheet
- Other Accounts and Computerized Accounting

Unit III : Banking Products and Services

- Accounts (Current, Saving, Fixed)
- Loans (Short Term and Long Term)
- Advisory Services (Investment)
- Other Services (Insurance Credit Card etc.)
- Hire Purchase, Leasing, Factoring
- Tax Services

Unit IV : General Bank Management

- Managing Interest Rate Risk, GAP and Earning Sensitivity
- Managing Liabilities and the Cost of Funds
- Effective use of Capital
- Liquidity Planning and Managing Cash Assets

COMPUTER APPLICATION IN INVESTMENT

Module 3.5

UNIT - I : C programming languages & OOP's concept.

1. Introduction: Evolution of C language, Unix & C, C Compiler, Running a C program, Object & executable file, preprocessor, Characteristics of C language, case sensitivity.
2. **Variables & Expressions** : C Character set, Identifiers & printf, characters & character strings, integer, float double, constants, operators & expressions, arithmetic, relations, logical assignment, conditional, increment & decrement, bit wise, comma, typed of statement typecasting, operator precedence, writing simple programs to illustrate the above.
3. Basic Input Output: Getchar, putchar, string input & output, format specifiers, types of characters in format strings like % scanf width specifies, Input field for scanf.
4. **Control Structures** (decision making statement) if-else, multiway decisions, switch, (loop construct) for-loop, while-loop, do while-loop, compound statements, break statement, continue statement, goto statement.

UNIT - II

5. **Arrays** : Single dimensional array, element type, multidimensional array, strings, simple examples & programs, arrays of strings, programming examples
6. **Functions** : Main include, placement of a function & return values, parameter set of a function, combining function definition & declaration, passing arguments, return statements and function call, user defined and library functions , simple examples of recursion .
7. **Introduction to Pointers & Structures & Unions & Files** : Definition and simple use of pointers , declaring and using structures , structure initialization, unions, operating on union , scope of union , opening files, writing to files, reading from files, closing files, file handling functions, fscanf, fprintf, fopen, fgets, fgetc, fputc, fputs, fwrite.
8. **Object Oriented Programming Concepts** : OOP's overview, classes and objects, fundamental Concepts, Functions, Inheritance, Abstraction, Polymorphism, overloading and overriding, OOP's using C++

UNIT - III : Electronic Commerce

What is E commerce, Advantages and Limitations of E Commerce, The role of Strategy in E Commerce, Value chains in E Commerce, Infrastructure for Electronic Commerce Web Based Tools for Electronic Commerce, Electronic Commerce software, Security Threats to electronic Commerce , Implementing Security for Electronic Commerce, Electronic Payment Systems, Strategies for Marketing, Sales & Promotion Strategies for Purchasing Logistics & Support Activities, Electronic Markets & Communities, Business Plans for Implementing Electronic Commerce.

UNIT - IV : Web designing.

These can be partly done as demonstration and practical.

Basic Formatting HTML Pages : Setting text preference, Importing Text , Aligning & indenting text, Making list, Character formatting, Adding special characters Using Flash @ text.

Working with Graphics : Using background graphics, Editing graphics, assigning names & ALT text to images, Wrapping text around images, Adding Flash @ buttons, Using a photo album, Embedding Quick Times @ movies.

Creating Links: Specifying link format, creating hyperlinks, Understanding link structure , Creating image maps , Creating e mail links.

Designing with Tables : Creating a Table, importing data from spread sheets , Formatting a table, Using images in Tables, designing for computer screens.

Creating Frames : Creating a frameset specifying frame properties creating & editing frame documents.

Creating Forms: Building a form grouping content, adding buttons, creating hidden fields, creating jump menus.

BUSINESS ETHICS

Module 3.6

- Business Ethics and Values - Work Culture - Un ethical Behavior in Business and its reasons - fair and unfair Business Practices
- Corporate Governance in Globalised Economy - MNCs / TNCs and Business Ethics - Accountability of Managers and Directors - Functioning of private and public sector Cos. - Governance in Banking and Financial Institutions - Good corporate Governance- protection of interest of customers and investors-customer friendly business activities.
- Code of conduct in Business Houses - fairness and Justice in Administration - Social Responsibilities of Business.
- Business Ethics an important tool in building Business reputation - Professional Board of Directors - Transparency in decision -making and operations - Importance of effective and efficient system of Governance in globalized economy- Ethics and corporate integrity, measure for improving ethical standards and morals
- Corruption, Frauds and Scams in Financial Institutions - Economical and Social effects of corruption, frauds, scams etc. Banking Operations and ethics - Functioning of Insurance Cos. And ethics - Measures to reduce corruption
- a) Preventive Measures
- b) Curative Measures - Role of computerization and IT in detecting frauds, scams etc. - Zero Tolerance of corruption.

ORGANIZATIONAL BEHAVIOUR

Module 3.7

- Fundamentals of Organizational Behaviour - Nature and Scope of Organizational Behavior - Dynamics of people - Models of Organizational Behaviour - The behavioral approach to Management
- Motivation and Leadership - Theories and Models of Motivation Importance of Motivation in Organizational Behaviour and performance Appraisal - Leadership and Leadership styles - Empowerment and Participation
- Individual Behaviour and Group Behavior Formula and Informal Groups. Team Building and its importance. Psychological Aspects of Financial Markets.
- Organizational structure and Design. Kind of Organization structures - Delegation of Authority - Span of control.
- Organizational culture - Emerging Trend in Organizational culture - Organizational climate - Factors affecting organizational climate
- Organizational Development and changes - Nature and Characteristics of Organizational Development - Techniques of Organizational Development - Definition and Objective of Organizational Change - Effect of Change - Resistance to change and overcoming the resistance - Stress and counseling

SEMESTER - IV

Commodities Markets

Module 4.1

Unit - I : Introduction to Commodity Market

- Emergence of Commodity Market
- Dynamics of global commodity markets

- Indian commodity markets - Current status & future prospects

Unit - II : Strengthening commodity markets in India.

- Role of Government
- Role of Commodity Exchanges
- Other Institutions
- Training & development of Dealers

Unit - III : Commodity Exchanges

- Function & Role
- Trading & Clearing methods
- Commodity futures
- Commodity Specific Exchanges Vs Multi Commodity Exchanges

Unit IV : Commodity Market in India

- Commodity Exchanges in India
- Role of Information in Commodity Markets
- Linkages between equity markets and commodity markets
- Commodity markets - Logistics and Warehousing

Corporate Finance : Paper - II

Module 4.2

Unit I : Role of Financial Institutions

- In Long Term Finance (Fixed Capital)
- In Short Term Finance (Working Capital)

Unit II : Controlling Mechanism of RBI in raising corporate finance

Unit III : Understanding and Interpretation of Financial statements

Unit IV : Controlling the Corporate Financial Activities

- Capital Budgeting
- Corporate financial reporting - Transparency and Accuracy
- Maximizing the wealth of shareholders
- Corporate governance practices

Taxation for Investments (A/C s)

Module 4.5

1. **Definitions : S:** Person, Assessee, Income, Assessment Year , Previous Year, Capital Asset Transfer
2. **Basic of Charge (See 3 to 9) :** Residential Status / Scope of Total Income / Deemed Income
3. **Exclusions from Total Income Sec. 10 :** Agricultural Income ,Sums Received from HUF by member share of Profits from Firm , Insurance maturity proceeds, Income of Minor Child
4. **Income from House Property :** Sec 22 to 27 & Sec 2-Annual Value
5. **Income from Capital Gains :** Sec 45,48,49.50(c), 55
6. **Income from Other Sources :** Sec 56 to 59
7. **Deduction under Chapter VI A :** Sec 80c, 80cc, 80D
8. **Securities Transaction Tax :** Basic Definition, Charge

Recommended books for Semester III and IV

1. COMPUTER APPLICATION IN INVESTMENT

- E-Commerce The cutting edge of the business - Bajaj Nag TMH

- Electronic Commerce from vision to fulfillment by Elias M. Awad.
- Electronic Commerce by Gary Schneider, James Perry.
- World Wide Web design with HTML C. Xavier AMH.

2. Commodities Markets

- Commodities Rising , Jeffery M. Christian , John Wiley & Sons, 2006
- Dow Jones - Irwin Guide to Commodities Trading , Bruce Gould , Author House, 2003
- Commodity Fundamentals , Ronald Spurga, John Wiley & Sons, 2006
- Commodity Futures & Financial Markets, Louis Philips, 1990
- The Encyclopedia of Commodity & Financial Spreads , Steve Moore, John Wiley & Sons, 2008
- International Commodity Markets & The Role of Cartels , Mark s. Lechair, M.E. Sharpe ,2001
- Commodity Options , Larry D. Spears, Market Place Books, 1993
- Training The Pits: Technical Approach to Commodity Trading , Robert M. Barnes, John Wiley & Sons
- Commodity Options, Terry S. Mayer , Prentice Hall ,1993
- Structured Products Vol. II Equity, Commodity, Credit & New Markets, Satyajit Das, John Wiley & Sons, 2005
- Breaking Through Success : A Commodity Investor 's Guide Book, Patrick Lafferty & Nell Sloane
- Managing Commodity Price Risk & Developing Countries, Stijn Claessens & Ronald C. Dunkan, John Hopkins University Press, 1994
- The Commodities Glossary , Commodity Futures Trading Corporation, International Law & Taxation, 2005

3. Equity Markets : Paper - II

- Frontier Emerging Equity Markets Securities Price Behavior & Valuation ,Oliver S. Kratz, Kluwer Academic Publishers, 1999
- Charting the Stock Market, Jack Huston, David M. Weiss & Craig Schroeder , USA Import ,1991
- A new look at Technical Analysis , Robert McCullough, USA Import 1994
- Beyond Candlesticks, Steve Nison, John Wiley & Sons,1994
- Using Technical Analysis, Clifford Pistolese, Probus Publishing, 1994
- Technical Analysis of The Financial Markets, John Murphy, NYIF, 1999
- The ARMS Index , Richard Arms , Market Place Books ,1989
- Point & Figure Method of Anticipating Stock Price Movements, Victor de Villiers, Market Place Books,2000
- Point & Figure Charting , Thomas Dorsey, John Wiley & Sons,2001
- The International Encyclopedia of Technical Analysis, Joel Siegel & Jae Shim, Fitrozy Dearbpor, 2000
- Getting started in Fundamental Analysis, Michael C. Thomsett, John Wiley & Sons,2006
- Forecasting Financial Markets, Tony Plummer, Kogan Page, 2006

4. Taxation for Investments (A/C s)

- Direct & Indirect Taxes : V.K.Singhania
- Direct & Indirect Taxes : T.N. Manoharan
- Direct & Indirect Taxes : V.S. Datey