

#### OFFICE OF THE PRINCIPAL

### Govt. SHAHID KOUSHAL YADAV COLLEGE GUNDERDEHI, DISTT.-BALOD (C.G.)

Email Id –gskycollege@gmail.com
Date – 15-11-2021

# List of Courses covered under all Programmes offered by the college

S.No.	Programme Name	Course Name
01	B.Com. Part – III (English, Hindi,	Environmental Studies
02	Economics, Political Science, Sociology)	Hindi Language
03	Sociology)	English Language
04		Income Tax
05		Auditing
06		Indirect Taxes with GST
07		Management Accounting
08	-	Principal of Marketing
09		<ol> <li>Optional Group – A         Financial Management     </li> <li>Optional Group – A         Financial Market Operations     </li> </ol>
- 50 P		3. Optional Group – B Principles of Marketing 4. Optional Group – B
2		International Marketing  5 Optional Group – C
V		Information Technology & ITS Applications in Business
		6. Optional Group – C
		Essential of e-commerce 7. Optional Group – D Fundamenal of Insurance
- "		8. Optional Group – D  Money & Banking System

Dr.(smt.) SHRADHA CHANDRAKER

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## **B.COM PART III** OPTIONAL GROUP A (Finance Area) TITLE OF PAPER - FINANCIAL MANAGEMENT

PAPER - I

**OBJECTIVE** 

The objective of this course is to help students understand the conceptual framework of financial management.

M.M. 75

- Financial Management: Financial goals; Profit vs wealth maximization; **UNIT-I** Financial functions-investment, financing, and dividend decisions; Financial planning.
- Capital Budgeting: Nature of investment decisions, Investment evaluation **UNIT-II** criteria, payback period, accounting rate of return, net present value, internal rate of return profitability index; NPV and IRR comparison.
- Cost of Capital: Significance of cost of capital; Calculating cost of debt; **UNIT-III** Preference shares, equity capital, and retained earnings; Combined (weighted) cost of capital. Operating and financial Leverage: Their measure; Effects on profit, analyzing alternatefinancial plans, combined financial and operating leverage.
- Capital Structure: Theories and determinates. Dividend Policies: Issues in IINIT-IV dividend policies; Walter's model; Gordon's model; M.M.Hypothesis, forms of dividends and stability in dividends, determinats.
- Management of Working Capital: Nature of working capital, significance **IJNIT-V** of workingcapital, operating cycle and factors determining of working capital requirements, Management of working capital - cash, recevables, and inventories.

# iggested Reading:

- Van Home J.C.: Financial Management and Policy; Prentice Hall of India, 1. New Delhi.
- Khan M.Y. and Jain P.K.: Financial Management, Text and Problems; Tata 2. McGrow Hill, New Delhi.
- Prasanna Chandra L Financial Management Theory and practice; Tata 3. McGrow Hill, New Delhi.
- Pandey I.M.: Financial Management Vikas Publishing Hous, New Delhi. 4.
- Brigham E.F. Gapenski L.C., and Ehrhardt M.C.: Financial Management -5. Theory and Practice; Harcourt College Publishers, Singapore.
- Bhalla V.K.: Modern Working Capital Management, Anmol Pub. Delhi. 6.

#### B.COM PART III

## **OPTIONAL GROUP A (Finance Area)** TITLE OF PAPER - FINANCIAL MARKET OPERATIONS

PAPER - II

**OBJECTIVE** 

This course aims at acquainting the students with the working of financial markets in India.

M.M. 75

- Money Market: Indian money market's composition and structure; (a) **UNIT-I** Acceptance houses, (b) Discount houses and (c) Call money market; Recent trends in Indianmoney market.
- Capital Market: Security market (a) New issue market, (b) Secondary UNIT-II market; Functions and role of stock exchange; listing procedure and legal requirements; Public issue - pricing and marketing; Stock exchanges -National Stock Exchange, Bombay stock exchange
- Securities contract and Regulations Act: Main provgisions.Investors **UNIT-III** Grievancesconcerning stock exchange theirremoval; Grievance cells in stock exchanges; SEBI; Company Law Protection: Board; Press; Rmedy through courts.
- Functionaries on Stock Exchanges: Brokers, sub brokers, market makers, jobbers, portfolio consultants, institutional investors, and NRIs. UNIT-IV
- Financial Services: Marchant banking Functions and roles; SEBI guidelines; Creditrating - concept, functions, and types. UNIT-V

# suggested Reading:

- 1. Chandler M.V. and Goldfeld S.M.: Economics of money and Banking, Harper and Row, New Delhi.
- 2. Gupta Suraj B. Monetary Economics; s. chand and Co. New Delhi.
- 3. Gupta Suraj B. Monetary Planning in India; Oxford, Delhi.
- 4. Bhole L.M.: Financial Markets and Institutions: Tata McGrow Hill, New Delhi.
- 5. Hooda R.P.: Indian Securities Market Investors view point; Excell Books, New Delhi.
- 6. R.B.I.: Functions and Working.
- 7. R.B.I.: Report in Currency and Finance.
- **8.** R.B.I.: Report of the Committee to Review the working of the monetary system Chakravarty committee.
- **9.** R.B.I.: Report of the Committee on the Financial System, Narsimham Committee.

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# B.COM PART III OPTIONAL GROUP B (Marketing Area) TITLE OF PAPER -PRINCIPLES OF MARKETING

PAPER - I

**OBJECTIVE** 

The Objective of this course is to help students to understand the concept of marketing and its applications.

M.M. 75

- UNIT-I Introduction: Nature and scope of marketing; Importnace of marketing as a business function, and in the economy; Marketing concepts traditional and modern; Selling vs. Marketing; Marketing mix; Marketing environment.
- UNIT-II Consumer Behaviour and Market Segmentation: Nature, scope, and significance ofconsumer behaviour; Market segmentation concept and importance; Bases for market segmentation.
- UNIT-III Product: Concept of product, consumer, and industrial goods; Product planning and development; Packaging role and functions; Brand name and trade mark; after sales service; Product life cycle concept. Price: Importance of price in the marketing mix; Factors affecting price of a product/service; Discounts and rebates.
- UNIT-IV Distributions Channels and Physical Distribution; Distribution channels Concept and role; Types of distribution channels. Factors affecting choice of a distribution channel; Retailer and holesaler; Physical distribution of goods; Transportation, Warehousing, Inverntory control; Order processing.
- UNIT-V Promotion: Methods of promotion; Optimum promotion mix; Advertising media the irralative merits and limitations; Characteristics of an effective advertisement; Personal selling; Selling as a career; Classification of successful sales person; Functions of sales man.
   Recent development in marketing social marketing, online marketing, direct marketing, Services marketing, Green marketing.

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# aggested Reading:

- Philip Kotler: Marketing Management Englewood Cliffs; Prentice Hall, N.J. 2.
- William M. Pride and O.C. Ferrell: Marketing: Houghton Mifflin Boston.
- 3. Stanton W.J. Etzel Michael J., and Walker Bruce J. Fundamentals of Marketing; McGrawHill, New York.
- Lamb Charies W., Hair Joseph F. and McDaniel Carl: Principles of Marketing; South-Western-Publishing, Cincinnati, Ohio.
- Cravens David W. Hills Gerald E., Woodruff Robert B: Marketing 5. management:

RichardD. Inwin, Home wood Illinois.

- Kotler Philip and Armstrong Gary: Principles of Marketing; Prentice Hall of India, New Delhi.
- Dr. R.C. Agrawal, Agra. 7.
- Dr. S.C. Saxena Agra. 8.
- Dr. S.K. Jain, Hindi GranthAcademi. M.P.
- 10. Dr. N.C. Jain

# B.COM PART III OPTIONAL GROUP B (Marketing Area) TITLE OF PAPER -INTERNATIONAL MARKETING

PAPER - II

### **OBJECTIVE**

This course aims at acquainting student with the operations of marketing in internation alenvironment.

M.M. 75

- UNIT-I International Marketing: Nature, definiton, and scope of international marketing; Domestic marketing vs. International marketing; International environment external internal.
- UNIT-II dentifying and Selecting Foreign Market: Foreign market entry mode decisions. Product Planning for international Market: Product designing; Standardization vs. adaptation; Branding and packaging; Labeling and quality issues; after sales service. International pricing: Factors Influenceing International price; Pricing process-processand methods; International price quotation and payment terms.
- UNIT-III Promotion of Product/Services Abroad: Methods of international promotion; Direct mail and sales literature; Advertising; Personal selling; Trade fairs and exhibitions.
- UNIT-IV International Distribution: Distribution channels and logistics decisions; Selection and appointment of foreign sales agents.
- UNIT-V Export Policy and Practices in India: Exim policy an overview; Trends in India's foreign trade; Steps in starting an export business; Product selection; Market Selection; Export pricing; Export finance; Documentation; Export procedures; Export Assistance and incentives. Marketing Control Process

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# suggested Reading:

- 1. Bhattacharya R.L. and Varshney B.: International Mrketing Management; Sultan Chand, New Delhi.
- 2. Bhattacharya B.: Export Marketing Strategles for Success; Global Press, New Delhi.
- 3. Keegan W.J.: Multinational Marketing Management; Prentice Hall, New Delhi.
- 4. Kriplani V.: International marketing; Prentice Hall New Delhi.
- 5. Taggart J.H. and Moder Mott. M.C.: The Essence of International Business; Prentice Hall New Delhi.
- 6. Kotler Phillip: Principles of Marketing; Prentice Hall New Delhi.
- 7. Fayer Weather John: International Marketing; Prentice Hall N.J.
- 8. Caterora P.M. and Keavenay S.M.: Marketing an international Perspective; Erwin Homewood, Illinois.
- 9. Paliwala, Stanely J. The Essence of International marketing; Prentice Hall, NewDelhi.

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## **B.COM PART III**

# OPTIONAL GROUP C (Commercial Area) TITLE OF PAPER - INFORMATION TECHNOLOGY AND ITS APPLICATIONS IN BUSINESS

PAPER - I

The objective of the course is to famillatize the students with the innovation information technology and how it affects business. An understanding of the group rules of these technologies will enable the students to appreciate the nitty-gritty commerce.

M.M. 75

- UNIT-I Information Revolution and information Technology (IT): Deployment of Business; Basic features of IT; Impact of IT on business environment and social fabric; Invention of writing; Written books; Printing Press and movable type Gutenberg's invention; Radio; telephone, wireless and satelite communication computing and dissemination of information and knowledge and convergence technologies (Internet with Wireless-WAP).
- UNIT-II Fundamentals of Computer: Data, information and EDP: Data, information and concept of data and information; Levels of information from data; processing; Electronic data processing; Electronic machines;
  - a. Number Systems and Codes: Different number systems binary, octal decimal, hexagonal, and their conversion codes used in computers; Bed, EBCDIC, ASCII; Gray and conversions.
  - b. Computer Arithmetic and Gates: Binary arithmetic, complements, addition subtraction; Conversion from one system to another; Logic Gates, truthtable and applicationsminimisation, and K-maps.
  - c. Computer Processing System: Definition of computer; Hardware/Software concepts; Generation of computers; Types of computers; Elements of computer; CPU and its functions, various computer systems.
  - d. I/O devices: Basic concepts of I/O devices; various input devices Keyboard, mouse; MICR, OCR, microphones.
  - e. Various output devices: VDU, printer, plotter, spooling, L.S.
  - f. Storage Devices: Primary and secondary memory; Types of memory capacityand its enhancement; Memory devices and comparisons; Auxiliary storage, tapes, disks (magnetic and potical); various devices and their comparison.

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g. System Software - Roale of Software, Different System Software: O.S., utilization element of O.S. - Its types and variations; DOS and windows. h. Computer and Networks: Need of communication; Data transmission; Baud; Bandwidth; Communication Channel; Multiplexing; Basic network concepts; O.S.I. model; Types of topologies; LAN, WAN, Client server concept.

### UNIT-III Computer-based Business Applications

- a. Word Processing: Meaning and role of word processing in creating of documents, editing, formatting, and printing documents, using tools such as spelling check, thesaurus, etc. in word processors (MS-Word).
- b. Electronic Spreadsheet: Structure of spreadsheet and its applications to accounting, finance, and marketing functions of business; Crating a dynamic/sensitive worksheet; Concept of absolute and relative cell reference; Using builtinfunctions; Goal seeking and solver tool; Using graphics and formatting of Worksheet; sharing data with other desktop applications; Strategies of cratingerror-free worksheet (MS-Excel, Lotus 123). Practical knowledge on WingsAccounting (Software).
  - c. Programming under a DBMS environment: The concept of data base management system; Data field, records, and files, Sorting and indexing data; Searching records, designing queries, and reports; Linking of data files; Understanding programming environment in DBMS; Developing menu drivenapplications in query language (MS-Access).

**UNIT-IV** Electronic Data Interchange (EDI), Introduction to EDI; Basics of EDI; EDI standards; Financial EDI (FEDI); FEDI for international trade transaction; Applications of EDI; Advantages of EDI; Future of EDI.

UNIT-V

The Internet and its Basic ConceptsInternet-concept, history development in India; Technological foundation of internet; Distributed computing; Client-server computing; Internet protocol suite; Application of distributed computing; Client-server computing; Internet protocol suite in the internet environment; Domain Name System (DNS); Domain Name Service (DNS); Generic top-lelveldomian (gTLD); Country code top-level domain (ccTLD); - India; Llocation of second-level doomains; IP addresses; Internet protocol; Applications of Internet in business, education, governance, etc. Information System Audit Basic idea of information audit; Difference with the traditional concepts of audit; Conduct and applications of IS audit in internet environment.

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# rested Reading:

- 1. AgrawalaKamlesh N. and Agarwala Deeksha: Business on the Net AgarwalaKamlesh N. and Agarwala India, New Delhi.
- 2. AgarwalaKamlesh, N. and Agarwala Deeksha: Bulls, Bears and The mouse; and introduction to On-line Service Market Trading; Macmillan India, New Delhi.
- 2. Agarwala Kamlesh, N. and Agarwala Prateek Amar; WAP the Net; an Introduction on Wireless Application Protocol; Macmillan India, New Delhi.
- 3. Bajaj Kamlesh K. and Nag Debjanl: E-Commerce; The cutting Edge of Business; Tata McGraw Hill, New Delhi.
- 4. Edwards, Ward and Bytheway: The Essence of Information Systems; Prentice Hall, NewDelhi.
- 5. Garg & Srinivasan: Work Book on Systems Analysis & Design; Prentice Hall New Delhi.
- 7. Kanter: Managing with Information; Prentice Hall New Delhi.
- 8. Minoli Daniel, Minoli Emma: Web Commerce Technology Handbook; Tata McGraw Hill, New Delhi.
- 9. Minoli Daniel: Internet & Internet Engineering; Tata McGrow Hill, New Delhi.
- 10. Yeats: Systems Analysis & Design; Macmillan India, New Delhi.
- 11. Goyal: Management information System; Macmillan India, New Delhi.
- 12. Timothi J O'Leary: Microsoft Office 2000; Tata McGrow Hill, New Delhi.

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# B.COM PART III

# OPTIONAL GROUP C (E-Commerce Area)

# TITLE OF PAPER -ESSENTIAL OF E-COMMERCE

PAPER - II

#### **OBJECTIVE**

The objective of this course is to familiarize the students with the basics of ecommerce and to comprehend its potential.

M.M. 75

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- **UNIT-I**
- Internet and Commerce: Business operations; E-Commerce practices; Concepts b2b, b2c, b2g, g2h; Benefits of e commerce to organization, consumers, and society; Limitation of e-commerce; Management issues relating to e-commerce.

Operations of E-Commerce: Credit card transaction; Secure Hypertext Transfer Protocol (SHTP); Electronic payment systems; secure electronic transaction (SET); Set's encryption; Process; Cybercash; Smart cards; Indian payment models.

- **UNIT-II**
- Applications in B2C: Consumer's shopping procedure on the internet; Impact on disintermediation and re-inermediation; Global market; Strategy of traditional department stores; Products in b2c model; Success factors of e-brokers; Broker based services on-line; Online travel tourism services; Benefits and impact of e-commerce on travel industry; Real estate market; Online stock trading and its benefits; Online banking and its benefits; Online financial services and their future; Educations benefits, implementation, and impact.
- UNIT-III
- Applications in B2B; Applications of b2b, Key technologies for b2b; Architectural models of b2b; Characteristics of the supplier-oriented marketplace, buyer-oriented market place, and intermediary-oriented marketplace; Benefits of b2b on procurement re-engineering; Just in Time delivery in b2b; Internet-based EDI from traditional EDI; Integrating EC with back-end information systems; Marketing issues in b2b.
- UNIT-IV
- Applications in Governance: EDI in governance; E-government; E-governance applications of the internet; Concept of government to business, business to government and citizen-to-government; E-governance models; Private sector interfacein e-governance.

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NIT-V

Emerging Business Models: Retail model; Media model; Advisory model, Mode-toordermanufacturing model; Do-it yourself model; Information service model; Emergin hybrid models; Emerging models in India. Security and Legal aspects of E-commerce.

## Suggested Reading:

- AgarwalaKamlesh. N. and AgarwalaDeekhsa: Bridge to Online Storefornt; MacmillanIndia, New Delhi.
- 2. AgarwalaKamlesh. N. and AgarwalaDeeksha: Business on the Net Introduction to the E-commerce; Macmillan India New Delhi.
- 3. AgarwalaKamlesh N. and AgarwalaDeeksha: Bulls, Bears and TheMouse: AnIntroduction to Online Stock Market Trading; Macmillan India New Delhi.
- 4. Tiwari Dr. Murli D.: Eductaion and E-Governance; Macmillan India, New Delhi.
- 5. Minoli Daniel, MinoliEmma: Web Commerce Technology Handbook; Tata McGraw Hill, New Delhi.
- 6. MinoliDeniel, Internet & Internet Engineering: Tata McGrow Hill, 1999.
- 7. BhatnagarSubhash and Schware Robert (Eds): Information and CommunicationTechnology in Development; Sage Publications India, New Delhi.
- 7. Amor, Daniel: E-business R evealuation, The : Living and Working in an InterconnectedWorld; Prentice Hall, U.S.
- 8. Afuah, A., and Tuccu, C.: Internet usiness models and Strategies; McGraw Hill,
  New York.

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## B.COM PART III

# OPTIONAL GROUP D (Money Banking & Insurance Area) TITLE OF PAPER FUNDAMENTAL OF INSURANCE

PAPER - I

OBJECTIVE

This course enables the students to know the fundamentals of insurance.

M.M. 75

- UNIT-I Introduction to Insurance: Purpose and need of insurance; Insurance as a social security tool; Insurance and economic development.
- UNIT-II Fundamentals of Agency Law: Definiton of an agent; Agents regulations; Insurance intermediaries; Agents compensation.
- **UNIT-III** Procedure for Becoming an Agent : Prerequisite for obtaining a license; license: Cancellation of incense: suspension/termination of agent appointment; Code of conduct; Unfair practices. Functions of the Agent: Proposal form and other forms for grant of cover; Financial and medical underwriting; Material information; Nomination and assignment; Procedure regarding settlement of policy claims.
- UNIT-IV Company Profile: organizational set-up of the company; Promotion strategy; Market share; Important activities; Structure; Product; Actuarial profession; Product pricing actuarial aspects; Distribution channels.
- Fundamentals/Principles of Life insurance/ Marine /Fire UNIT-V /Medical/General Insurance; Contracts of various kinds; Insurable Interest, Online insurance procedure

### Suggested Reading:

- 1. Mishra M.N.: Insurance Principle and Practice; S. Chand and Co., New Delhi.
- 2. Insurance Regulatory Development Act. 1999.
- 3. Life Insurance Corporation Act. 1956.
- 4. Gupta OS: Life Insurance; Frank brothers, New Delhi.
- 5. Vinayakam N., Radhaswamy and Vasudevan SV: Insurance Principles and Practice,
- S. Chand and Co. New Delhi.
- 6. Mishra MN: Life Insurance Corporation of India, Vols I, II & III; Raj Books, Jaipur.
- 7. BalchandShriwastava, Agra.
- 8. Dr. M.L. Singhai, RAmesh Book Depot, Jaipur.

# B.COM PART III OPTIONAL GROUP D (Money Banking & Insurance Area) TITLE OF PAPER - MONEY & BANKING SYSTEM PAPER - II

This course enables the students to know the working of the Indian Money & banking system.

M.M. 75

- UNIT-I Money: Function, Alternative Measures tomoney supply in India their different components. Meaning and changing relative importance of each.
- UNIT-II Indian Banking System: Structure and organization of banks; Reserve Bank of India; Apex banking Institutions; Commercial banks; Regional rural banks; Cooperativebanks; Development banks.
- UNIT-III Banking Regulation Act, 1947: History; Social control; Banking Regulation Act asapplicable to banking companies and public sector banks; Banking Regulation Act asapplicable to Cooperative banks.
- **UNIT-IV** Regional Rural and Cooperative Banks in India: Functions; Role of regional rural andcooperative banks in rural India; Progress and performance.
- UNIT-V Reserve Bank of India: Objectives; Organization; Functions and working; Monetarypolicy; Credit control measures and their effectiveness.
  State Bank of India, Project History, Objectives, Functions & Organization working& progress.
  Internet banking system

#### **Suggested Reading:**

- 1. Basu A.K.: Fundamentals of Banking-Theory and Practice; a Mukherjee and Co., Calcutta.
- 2. Sayers R.S.: Modern Banking: Oxford University Press.
- 3. Panandikar S.G. And Mithani D.M.: Banking in India; orient Longman.
- 4. Reserve Bank of India: Functions and Working.
- 5. Dekock: Central Banking; Crosby lock wood Staples, London.
- 6. Tannan M.L.: Banking Law and Practice in India: India Law House, New Delhi.
- 7. Knubchandani B.S.: Practice and Law of Banking; Macmillan, New Delhi.
- 8. Shekhar and Shekhar: Banking Theory and Practice; Vikas Publishing House, New Delhi.
- 9. Harishchandra Sharma.
- 10. M.L. Singhai.

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#### B.Com-III

#### PAPER - I

# PROGRAMMING IN VISUAL BASIC

(Paper Code-1165)

# UNIT-I Introduction to Visual Basic, Programs, Variables

Editions of Visual Basic, Event Driven Programming, Terminology, Working environment, project and executable files, Understanding modules, Using the code editor window, Other code navigation features, Code documentation and formatting, environment options, code formatting option automatic code completion features. Introduction to objects, Controlling objects, Properties, methods and events, Working with forms, interacting with the user: MsgBox function, InputBox function, Code statements, Managing forms, Creating a program in Visual Basic, Printing, Overview of variables, User-defined data types, constants working with procedures, Working with dates and times, Using the Format Function, Manipulating text string.

#### UNIT-II Controlling Program Execution, Working with Control

Comparison and logical operators, If....Them statements, Select Case Statements looping structures, Using Do....Loop structures, For....Next statement, Exiting a loop. Types of controls, Overview of standard controls, ComboBox and ListBox, OptionButton and Frame controls Menu, Status bars, Toolbars, Advanced standard controls, ActiveX controls, Insertable objects, Arrays, Dynamic Arrays.

#### **UNIT-III Procedure, Function Error Trapping & Debugging**

Procedure, Function, call by value, call by reference, Type definition, with object, Validation, Overview of run-time errors, error handling process, The Error object, Errors and calling chain, Errors in an error-handling routine, Inline error handling, Error handling styles, General error-trapping options Type of errors, Break mode Debug toolbar, Watch window, Immediate window, Local window, Tracing Program flow with the Call Stack.

#### UNIT-IV Sequential and Random Files:

Saving data to file, basic filling, data analysis and file, the extended text editor, File organization Random access file, The design and coding, File Dialog Box, Picture Box, Image box, Dialog Box, using clipboard, Copy, Cut, Paste of Text & Picture in Clipboard, Use of Grid Control Multiple document interface, Single document interface.

#### UNIT-V Data Access Unsing the ADO Data Control & Report Generation

Overview of ActiveX data Objects, Visual Basic data access features, Relational database concepts Using the ADO Data control to access data, Overview of DAO, RDO, Data Control, structured query language (SQL), Manipulating data Using Data Form Wizard. Overview of Report, Data Report, Add groups, Data Environment, Connection to database Introduction to Crystal Report Generator.

#### **BOOK REFERENCE:**

- 1. Visual Basic Programming Reeta Sahu, B.P.B. Publication.
- 2. Mastering in Visual Basic By BPB Publications.
- 3. Visual Basic Programming Mark Brit.

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#### B.Com-III

#### PAPER - II

#### SYSTEM ANALYSIS, DESING & MIS

(Paper Code-1166)

#### UNIT-I Introduction -

Systems Concepts and the information systems environment: Definition of system, Characteristics of system, elements of system, types of system, The system Development life cycle: consideration of candidates system. The Role of system Analyst: Introduction, the multiphase role of the analyst, the analyst / user interface, the place of the analyst in the MIS Organization

UNIT-II System Analysis, Tools of Structured Analysis, Feasibility Study-

System Planning and initial investigation: Basis for planning in systems analysis, initial investigation, fact finding, fact analysis, determination of feasibility.

Information Gathering: Kind of information, Information gathering tools.

Structured Analysis, Flow chart, DFD, Data Dictionary, Decision Tree, Structured English, Decision Table. System Performance, Feasibility Study. Data Analysis.

UNIT-III System Design & System Implementation -

The process of Design Methodologies. Input Design, Output Design, Form Design, File Structure, File organization, data base design, System Testing, the test plan, quality assurance, data processing auditor. Conversion, Post implementation review, Software Maintenance.

UNIT-IV Introduction to MIS & Other Subsystem-

Evolution of MIS, Need of MIS, Definition & Benefits of MIS, Characteristic, Role component of Information system, data base as a future of MIS, Decision making, logic of Management Information system, Structure of MIS.

UNIT-V Information System Concept -

Difference between Transaction Processing. System (TPS) and Management Information System, How MIS works, MIS and Information Resource Management, Quality information Building Blocks for the information system, information system concept, Other system characteristic (Open & Closed System), difference between MIS & Strategic System, Adaptive system, Business function information system.

#### **BOOK REFERENCE:**

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- System Analysis and Design Elias M. Awad.
- System Analysis and Design Alan Dennis & Barbara Haley Wixo.
- Management Information systems C.S.V. Murthy, Himalaya Publication House.

#### B.Com-III

#### PAPER - III

# PRACTICAL EXERCISES BASED ON PAPER I & II

#### Practicals to be done -

- 1. At least 20 practical exercises covering the contents of paper I (e.g. Designing calculator, sorting of elements, Generating Fibonacci series)
- Design the Project on one of the following Application Software / Website Design/Accounting software / Inventory control System / System Software & other (e.g. Library Management System, Medical management, Stock Management, Hotel Management, Website for your institute / Website of any Organization)
- 3. The Project Report cover the following topic Objective, Hardware & Software Requirements, Analysis, Design, Coding, input forms, testing, Reports, Future enhancement of s/w.
- 4. Practical exam is based on the Project Demonstration & report.

