

**MASTER OF COMMERCE (M.COM) – SECOND SEMESTER**

Second Semester			
S. No.	Name of Subject	Credits	Total Marks
1	Quantitative Techniques for Business	6	100
2	Financial Management and Policy	6	100
3	Marketing Management	5	100
4	International Business	5	100
<b>Total</b>		<b>22</b>	

**Subject Name:** QUANTITATIVE TECHNIQUES FOR BUSINESS DECISIONS

**Unit I – Fundamental of decision making:** Types of decisions; Steps in decision making; Quantitative analysis and decision making; Different types of models and their uses; Model building steps.

**Unit II - Linear Programming:** Basic concepts; mathematical formulation and applications; Solution of LP problem using graphic and simplex method; Use of artificial variables; Sensitivity analysis and interpretation of solution; Duality in linear programming – formulation and solution; Integer linear programming – solution.

**Unit III – Transportation, Assignment and Trans-shipment:** Formulation; Solving transportation and assignment problems; Dealing with exceptional cases of transportation and assignment problems.

**Unit IV - Inventory and Queuing Management:** Concepts of inventory management; Inventory models – classical EOQ, EOQ with price breaks, EOQ model for production runs, planned shortage model- deciding optimum safety stock and reorder level, probabilistic model; Techniques of selective control. Queuing models: Elements of a queuing system; Models with Poisson arrival and Exponential services rates- single server and infinite and finite population; Cost behavior analysis.

Simulation: Monte Carlo Simulation, Application of simulation in inventory management and queuing situation.

**Unit V – Project Scheduling:** Concepts of PERT & CPM techniques and their applications; Network analysis- scheduling activities, determining critical path, calculation of floats; Time-cost trade-off; Resource allocation and resource levelling.

**Unit VI- Markov Chains and Theory of Games:** Markov Chains- decision processes; Market share analysis; Account receivable analysis. Game Theory- Pure strategy games; Mixed strategy games; Value of the game; Rules of Dominance.

**Suggested Readings:**

1. Levin, R.I., D.S. Rubin and J.P. Stinson, *Quantitative Approaches to Management*, McGraw - Hill.

2. Vohra N.D., *Quantitative Techniques in Management*, The McGraw Hill companies
3. Bierman H. Jr, C.P. Bonini and W.H. Hausman, *Quantitative Analysis for Business Decisions*, Homewood, Ill., Irwin.
4. Anderson, *Quantitative Methods for Business*, CENGAGE.
5. Gupta and Khanna, *Quantitative Techniques for Decision Making*, Prentice Hall of India.
6. Kapoor V.K., *Operations Research: Concepts, Problems and Solutions*, Sultan Chand & Sons.

**Subject Name:** FINANCIAL MANAGEMENT AND POLICY

**Unit I- Introduction:** Nature, scope and objectives of financial management. Financial decision making and types of financial decisions. Finance as a strategic function. Role of finance manager. Agency problem. Stock price maximization and agency costs. Alternatives to stock price maximization. Stakeholders' wealth maximization. Risk-return framework for financial decision making.

**Unit II- Capital Budgeting:** Nature, significance and kinds of capital budgeting decisions. Cash flow estimation. Capital budgeting techniques- ARR, Payback period, Discounted payback period, NPV, Equivalent annual NPV, IRR, Incremental IRR and Modified IRR. Capital budgeting decisions under constraints and with multiple objectives using mathematical programming models (Linear programming and Integer Programming). Capital rationing. Capital budgeting decision under inflation. Capital budgeting decision under uncertainty. Techniques for incorporating risk and uncertainty in capital budgeting decisions- RADR, Certainty equivalent method, DCF Break even analysis, Simulation method, Probability distribution method, Decision tree analysis, Sensitivity analysis and Scenario analysis. Real options.

**Unit III- Capital Structure:** An overview of cost of capital- Specific and WACC. Financial leverage and evaluation of financial plans (EBIT-EPS analysis). Theories of capital structure- NI, NOI, MM Hypothesis without and with corporate taxes, Merton Miller argument with corporate and personal taxes, Trade off theory, Pecking order theory, Signaling theory and effect of information asymmetry on capital structure. Optimal capital structure. Determinants of Capital structure in practice.

**Unit IV- Dividend Policy:** Forms of dividends. Theories of relevance and irrelevance of dividend in firm valuation (Walter's model, Gordon's Model, MM Hypothesis, Bird-in-hand theory and Dividend signaling theory). Relevance of dividend policy under market imperfections. Traditional and Radical position on dividend. Issues in dividend policy. Types of dividend policies in practice (constant rupee dividend policy, constant dividend payout policy, smooth stream dividend policy etc.) Determinants of dividend policy. Lintner's Model on corporate dividend behavior.

**Unit V- Working Capital Planning and Management:** Concept and types of working capital. Operating and cash cycle. Estimation of working capital requirement. Working capital financing. Determinants of working capital. Components of working capital management. Cash management- Baumol's Model and Miller-Orr Model of managing cash. Receivables management- dimensions of credit policy of a firm and evaluation of credit policies; credit analysis. Inventory management.

**Unit VI- Corporate Restructuring and Contemporary Issues in Financial Management:** Corporate restructuring. Mergers and Acquisitions- types, sources of takeover gains, valuation and financing of M&As. Leveraged buyouts; Spin offs; demerger. Contemporary issues in financial management.

**Suggested Readings:**

1. Van Horne, James C., *Financial Management and Policy*, Prentice Hall of India.

2. Pandey, I. M., *Financial Management*, Vikas Publishing.
3. Ross S.A., R.W. Westerfield and J. Jaffe, *Corporate Finance*, McGraw Hill.
4. Brealey R.A. and S.C. Myers, *Principles of Corporate Finance*, McGraw Hill.
5. Damodaran, A., *Corporate Finance: Theory and Practice*, John Wiley & Sons.
6. Chandra, P. *Financial Management*, Tata McGraw Hill.
7. Khan, M.Y & Jain, P.K *Financial Management: Text, Problems and Cases*, Tata McGraw Hill.
8. Ehrhardt, M. C. & Brigham E. F, *Corporate Finance*, Indian Edition, Cengage Learning
9. Srivastava, Rajiv and Misra. Anil, *Financial Management*, Oxford University Press.
10. Arthur J. Kewon, John H. Martin, J. William Petty & David F. Scott, *Financial Management: Principles & Application*, Pearson.
11. Meyer. et.al, *Contemporary Financial Management*, Cengage Learning.

**Subject Name:** MARKETING MANAGEMENT

**Unit I-Introduction:** Nature and Scope of Marketing; Core Marketing Concepts; Evolution of modern marketing concept; Modern marketing concepts; Marketing Mix; Marketing management process-a strategic perspective; Customer quality, value and satisfaction; Planning and control.

Marketing Environment: Significance of scanning marketing environment; Analyzing macro environment of marketing-economic, demographic, socio-cultural, technological, political and legal segments; Impact of micro and macro environment on marketing decisions.

Buyer behaviour: Need for studying buyer behaviour; Consumer vs. business buying behaviour; Consumer buying decision process and influences; Industrial buying process. Market Segmentation, Targeting and Positioning: Bases for segmenting a consumer market; Levels of market segmentation; Factors influencing selection of market segments; Criteria for effective market segmentation; Target market selection and strategies; Positioning – concept, bases and process.

**Unit II-Product and Pricing Decisions:** Product - concept and classification; Major product decisions; New product development; Packaging and labelling; Product support services; Branding decisions; Product life cycle – concept and appropriate strategies adopted at different stages.

Pricing- Objectives, Factors affecting price of a product, Pricing policies and strategies. Ethical issues in product and pricing decisions.

**Unit III-Distribution Decisions:** Channels of distribution – concept and importance; Different types of distribution middlemen and their functions; Channel management, selection, motivation and performance appraisal of distribution middlemen; Distribution logistics – concept, importance and major logistics decisions; Channel integration and systems. Ethical issues in distribution decisions.

Retailing and Wholesaling: Types of retail formats; Retail theories; Retailing strategies; Non-Store retailing; Wholesaling-nature and importance, types of wholesalers; Developments in retailing and wholesaling in Indian perspective.

**Unit IV-Promotion Decisions:** Role of promotion in marketing; Promotion methods; Integrated Marketing Communication – Concept; Communication process and promotion; Determining promotion mix; Factors influencing promotion mix; Developing advertising campaigns. Ethical issues in promotion decisions.

**Unit V- Marketing Planning, Organising and Control:** Marketing planning process; Different ways of organising marketing department; Sales, cost and profit analysis.

**Unit VI-Trends in Marketing:** Service Marketing, Social Media Marketing, Green Marketing, Customer Relationship Management, Rural marketing, other emerging trends.

**Suggested Readings:**

1. Kotler, Philip; Keller, Kevin Lane; Koshy, Abraham, and Mithileshwar Jha, *Marketing Management: A South Asian Perspective*, Pearson.
2. Lamb, Charles W.; Hair, Joseph F., and Carl McDaniel, *Mktg*, Cengage Learning.
3. Etzel, Michael J., Walker, Bruce J., Staton, William J., and Ajay Pandit, *Marketing Concepts and Cases*, Tata McGraw Hill (Special Indian Edition).
4. Czinkota, Miachel, *Marketing Management*, Cengage Learning.
5. Kazmi, SHH, *Marketing Management Text and Cases*, Excel Books.
6. Kumar, Arun and N. Meenakshi, *Marketing Management*, Vikas Publishing House.
7. Zikmund, William G. and Michael D'Amico, *Marketing: Creating and Keeping Customers in an E-Commerce World*, South-Western College Pub.

**Subject Name:** INTERNATIONAL BUSINESS

**Unit I – Introduction:** International Business - Importance, nature and scope; Globalization; Drivers of Globalization. Basic Entry Decisions; Modes of entry into international business, selecting an Entry Strategy; IT and international business, India's involvement in International Business

**Unit II - International Business Environment:** Political, Legal, Economic, and Cultural environment and associated risks; Framework for analyzing international business environment.

**Unit III - International Trade:** Reasons for international trade; Theories of international trade; Foreign trade multiplier; World trading environment – Pattern and structure of world trade in goods and services; Government intervention in International Trade: Arguments for Government intervention; Instruments of Commercial Policy: Tariffs, quotas and other measures and their effects.

World Trade and Protectionism: GATT, The Uruguay Round, WTO, Evaluation of WTO, Important Agreements of WTO – Agriculture Agreements; SPS, TBT, GATS, TRIPS; WTO and Developing Countries, WTO and India.

**Unit IV - Balance of Payment Account:** Components of BOP: Current Account, Capital Account, Official Reserve Account; Disequilibrium in BOP; Correction of Disequilibrium.

**Unit V - International Economic Institutions and Financial Environment:** IMF, World Bank, UNCTAD, International commodity trading and agreements - India's involvement and consequences; International Financial Environment: International Monetary System; Exchange rate mechanism and arrangement; Types of Exchange rate systems in the world; International money and capital markets; Movements in foreign exchange and interest rates. Foreign Direct Investment: Types of FDI; Theories of FDI, Cost and Benefit of FDI to Host and Home Countries, Government Policy Instruments and FDI, Trends in FDI.

**Unit VI - Regional Economic Integration:** Levels of Regional Economic Integration: Free trade area, customs union, economic union, common market, political union; Trade creation and diversion effects; Regionalism vs. Multilateralism; Structure and functioning of EU and NAFTA, SAARC.

**Unit VII - Contemporary Issues in International Business:** Environmental and Labour issues in International Business.

**Suggested Readings:**

1. Daniels, John D., Radebaugh, Lee H., Sullivan, Daniel P. and Salwan, P., *International Business: Environment and Operations*.
2. Griffin, Ricky W. and Pustay, Michael W, *International Business: A Managerial Perspective*, Prentice Hall.
3. Hill, Charles, W.L., *International Business*, McGraw Hill Company, New York.
4. Cherunilam, F., *International Business Text and Cases*, PHI.
5. Bhasin, N., *Foreign Direct Investment in India: Policies, Conditions and Procedures*, New Century Publications.
6. Ball, Donald, Wendall H. McCulloch, Miachel Geringer, Michael S. Minor and Jeanne M. McNett, *International Business: The Challenge of Global Competition*, McGraw Hill Co.