

VIDYASAGAR UNIVERSITY
DIRECTORATE OF DISTANCE EDUCATION

Midnapore - 721102



SYLLABUS
for the
Master of Commerce
Course of Study
in
COMMERCE with FARM MANAGEMENT

VIDYASAGAR UNIVERSITY

MIDNAPORE - 721102

(effective from 1997-98)

Structure of M. Com. Syllabus

PART - I

Peper	Half	Subject	Marks
I		Principles of Management and Organisational Behaviour	100
	1st	Principles of Management	50
	2nd	Organisational Behaviour	50
II.		Quantitative Techniques for Managerial Decisions	100
	1st	Business Statistics	50
	2nd	Quantitative Techniques and Management Accounting	50
III.		Financial Policy and Management Accounting	100
	1st	Financial Policy	50
	2nd	Management Accounting	50
IV.		Farm Management and Accounting Theory	100
	1st	Farm Management	50
	2nd	A. Accounting Theory	25
		B. Contemporary Issues in Accounting	25

PART-II

Paper	Half	Subject	Marks
V		Managerial Economics	100
	1st	Micro Economics	50
	2nd	Macro Economics	50
VI		Computer Applications in Accounting and Security Management	100
	1st	Computer Applications in Accounting	50
	2nd	Security Management	50
		Special Papers (any one group)	
		Group - A (Accounting & Control)	
VII		Advanced Accounting and Auditing	100
	1st	Advanced Accounting	50
	2nd	Auditing	50
VIII		Advanced Cost Accounting and Business Statistics	100
	1st	Advanced Cost Accounting	50
	2nd	Advanced Business Statistics	50
		Group -B (Finance and Taxation)	
VII		International Business and Public Finance	100
	1st	International Business Finance	50
	2nd	Public Finance	50
VIII		Taxation	100
	1st	Direct and Indirect Tax	50
	2nd	Tax Planning and Management	50

M. Com. Part -I

Paper-I

Principles of Management & Organisational Behaviour 1st Half (Principles of Management) 50 Marks

- Scope and Concept*
Meaning of the term 'Management'; its importance; elements, the economic and social environment; management ethics and morals; management and administration. Professionalisation in management. Profit objectives and social obligations of business management.
- History of Management Thought*
Before Twentieth Century or Pre-Scientific Management School; Twentieth Century of Scientific Management School. Schools of management thought. Principles of management. Complementary and conflicting nature of work of Taylor and Fayol. Nature of the Science of Management.
- Planning and Forecasting*
Meaning, features, elements, limitations, types of planning. Planning premises. External growth strategy : Merger, Acquisition and Joint Venture. Marketing strategy composition.
- Launching the M.B.O.*
The Logic and the Steps; its limitations; position in India.
- Co-ordinating*
Meaning; nature; importance as an essence of management. Distinction between Co-ordination and Co-operation. Principles and Techniques of effective Co-ordination.

6. *Planning for decisioning*

What it is; its importance and features: Programmed and unprogrammed decisions. The decisional steps. Influencing characteristics for decision-making at different levels of management. Techniques of decision-making; decision-making aids. Improvement of the quality of decisions. Communication and Management Information system.

7. *Control and Evaluation*

Conceptual framework; Control process. modern views; different techniques, types, steps for effective control. Span of management- Graicunas theory; factors determining span of management.

Select References

1. Allen, L. A. , *Management and Organisation*, Mc Graw Hill Book Company, New York
2. Luthans, Fred, *Organisational Behaviour*, Me Graw Hill, New York
3. Robbins, S. P., *Organisational Behaviour*. Prentice Hall, Englewood cliffs
4. Hersey, Paul and Blanchard, K.H., *Management of Organisational Behaviour. Utilizing Human Resources*, Prentice Hall of India Private Ltd. , New Delhi
5. Sharman, R. A., *Organisational Theory and Behaviour*. Tata McGraw Hill Publishing Co. Ltd. , New Delhi
6. Hicks and Gullett, *Organisation Theory and Behaviour*

7. Etzioni, Amitai *Modern Organisations*, Prentice-Hall of India Ltd., New Delhi
8. Koontz, O'Donnell and Weihrich, *Management*, McGraw Hill International Book Co., New York
9. Shyamal Banerjee, *Principles and Practice of Management*, Oxford & IBH Publishing Co. Pvt. Ltd., Kolkata
10. L.M.Prasad, *Principles and Practice of Management*, Sultan Chand & Sons, New Delhi
11. P. K. Ghogh, *Business Policy*, Sultan Chand & Sons, New Delhi
12. C.R.Basu, *Organisation and Management*, S.Chand & Company Ltd., New Delhi

M. Com. Part - I

Paper-1 : 2nd Half : 50 Marks

Organisational Behaviour

1. *The Concept of Organisation and Organisational Behaviour.*
Concept and Importance of Organisation, Nature of Organisational Behaviour (O. B.) and Issues in developing an O. B. model.
2. *Organisation Theory and Process*
Classical, Human relation approach, Structuralist, Bureaucratic approach. Departmentation, Delegation and Decentralisation.

3. *The Organisation System*
Foundation of Organisation structure, Formal and informal line organisation and functional organisation - organisation design - Human resource policies and practices Organisation culture - Work stress.
4. *Characteristics of Human Behaviour*
Personality, Learning, Perception, Skill, Value System, etc,
5. *Values, Attitudes and Job Satisfaction*
Importance of values, sources and types of value system
Sources and types of attitudes - attitudes and consistency
Job satisfaction - measuring job satisfaction.
6. *Motivation and Behaviour*
Definition, Importance, Theories of Motivation, Morale.
7. *Leadership models and Leader behaviour*
Trait and attitudinal approaches, Situational approach
Determining effectiveness, Diagnosing the environment
Situational Leadership, Perception and the impact of Power
8. *Communication among different groups* Definition, Importance, Process, Types, Barriers.
9. *Conflict and Inter-group Behaviour in organisation*
Definition, Types, Advantages and Disadvantages, Cause Resolution.

Select References

1. Robbins, S. P., *Essentials of Organisational Behavior*
2. Robbins, S. P., *Organisational Behavior : Concept Controversies and Application*

3. Reitz, J. H., *Behavior in Organisations*
4. Lorsch, J. W. (ed.), *Hand-book of Organisational Behavior*
5. Hersey, Paul and Blanchard, Kenneth H., *Management of Organisational Behavior*
6. Hicks and Gullett, *Organisation : Theory and Behavior*
7. Schuro, E. H., *Organisational Culture and Leadership*
8. Banerjee, Mrityunjay, *Modern Management*
9. Allen, L. A., *Management and Organisation* Mc Graw Hill Book Company, New York
10. Luthans, Fred, *Organisational Behaviour*, Mc Graw Hill, New York
11. Etzioni, Amitai, *Modern Organizations*, Prentice Hall of India Ltd., New Delhi
12. Koontz, O'Donnell and Weihrich, *Management*, Mc Graw Hill International Book Co., New York
13. Sharman, R. A., *Organisational Theory and Behaviour*, Tata Mc Graw Hill Publishing Co. Ltd., New Delhi

Paper - II

Quantitative Techniques for Managerial Decisions

1st Half (Business Statistics) 50 Marks

1. *Correlation and Regression*

Simple Correlation and Regression-analyses and their properties; Rank Correlation Coefficient, Multiple Regression, Multiple Correlation and Partial Correlation, Ratio of Variation, Gallon graph.

2. *Theory of Attributes* : (Taking two and three Attributes)

Classes and Class frequencies, Consistency of data, Independence and Association of Attributes, Association and Causal Relationship.

3. *Index Numbers*

Problems involved in the construction of Index Numbers, Different Index Number formulae. Criteria of a good Index Number, Chain Index, Cost of Living Index Number, Biases in Laspeyres and Paasche's Index Numbers, Uses of Index Numbers.

4. *Time Series Analysis*

Components of time Series, Measurement of Trend : Methods of Least Squares - Straight Line, Parabola, Exponential and higher degree polynomial Trend equation. Group average method. S type growth curves, measurement of Seasonal Fluctuations and Cyclical movement, problems of Business Forecasting.

5. *Interpolation*

Finite Differences : Use of the operators, E, Newton's Forward and Backward formulae. Newton's Divided Difference formula, Lagrange's Interpolation formula, Central Difference formulae:

Newton-Gauss Forward and backward, Shirling's and Bessel's Extrapolation and Forecasting.

6. *Statistical Quality Control*

General ideas of process & products control - X and R charts and Sampling inspection. (Single sampling).

7. *Nature and Sources of Business Statistics in India.*

Select References

1. Goon, Gupta, Dasgupta *Fundamentals of Statistics (Vol.I &II)*
2. S.P. Gupta, *Statistica Methods*
3. Stockton and Clerk, *Introduction to Business and Economics*
4. Boot and Case, *Statistical Analysis for Managerial D Decisions*
5. Levin and Richard, *Statistics for Management*

M. Com. Part - I

Paper - II : 2nd Half . 50

(Quantitative Techniques)

1. *Quantitative Techniques : An Introduction*

Meaning - Classification into Statistical Techniques and Operations Research.

Techniques- Operations Research: Evolution, Nature, Definition, Characteristics, Phases. Managerial applications. Methodology, Models, Techniques.

2. *Linear Programming*

Terminology and Requirements of Linear Programming - Application areas - Formulation of LPP - Graphical method of solution - Simplex method of solution - Special cases in applying the simplex method - Duality and its economic interpretation - Sensitivity Analysis.

3. *Assignment Technique*

Minimization - Maximization - Unbalanced - Alternative Solutions - Prohibition of a Particular Assignment - Specific Assignment - Sensitivity Analysis.

4. *Routing Technique*

Travelling Salesman Problem.

5. *Transportation Technique*

Computational Procedures - Minimization - Maximization - Unbalanced Problems - Degeneracy - Variations in Transportation Problems.

6. *Inventory Management*

Inventory Decisions - Inventory Control objectives - Inventory Control Terminology - Economic Order Quantity: Various Models - Dynamic Order Quantity - Lead Time Analysis - Re-order Level - Safety Stock determination - Inventory Control Systems: Fixed Order, Periodic Review, Probabilistic Inventory Model, Selective Inventory Management - Causes of Poor Inventory Control.

7. *Queuing (Waiting Line) Theory*

Benefits of Queuing Theory, Elementary Queuing System - Single Channel Queuing Model - Single Service Counter and Arrivals Through Multiple Channels - Poisson Arrivals and Erlang Service Distribution

8. *Network Analysis*

Drawing the Network Diagram - Time Estimates - Slacks and Floats - PERT and CPM - Crashing and Relaxation - Time - Cost Trade off- Probability Estimation of Project Completion Time - Updating.

Select References

1. *Quantitative Techniques For Managerial Decision Making* (Wiley Eastern) - Shrivastava, Shenoy & Sharma
2. *Operations Research* (Sultan Chand & Sons) - Swarup, Gupta & Man Mohan
3. *Techniques on Operations Research and Computer Based Management Information System* (World Press) - S. C. Acharyya
4. *Operations Research* (Sultan Chand & Sons) - V K. Kapoor
5. *Quantitative Techniques* (Vikas Publishing House) - C.R. Kothari
6. *Quantitative Methods and Operations Research* (CBS Publishers and Distributors) - R.C. Gupta.

M. Com. Part-I

Paper III

Financial Policy and Management Accounting

1st Half (Financial Policy) 50 Marks

1. *Introduction*

Nature, Scope and Objectives of Financial Management.

2. *Sources of Business Finance*

Long term, short term, lease financing, hire purchase - finance, different committees' report.

3. *Cost of Capital*

Meaning, Importance, Specific and Overall Cost of Capital, Different methods of determining cost of capital, weights.

4. *Financing Decisions*

Meaning, Distinction between Financial Structure and Capital Structure, Theories, Determinants; Leverages : Definition, Operating risk and Financial risk, Operating leverage, Financial leverage, Combined leverage, EBIT-EPS analysis, Indifference point.

5. *Dividend Policy*

Meaning, Legal aspect, Determining factors, Models of Dividend Policy.

6. *Working Capital Management*

Concepts, need and influencing factors : Determination of requirements of working capital ; Financing current assets; Management of Inventories, Debtors and Cash.

7. *Financial Management in Public Sector Enterprises*

Concept of Public Sector, Private Sector and Joint Sector.

Application of financial management in Public Sector Undertakings, Financial advisors. Financial Capital requirements, Performance Budgeting, Cost Control, Internal audit, Pricing Practices.

Select References

1. Van Horne, *Financial Management and Policy*
2. Banerjee, B., *Financial Policy and Management Accounting*
3. Khan, Y M. and Jain, P. K., *Financial Management*
4. Rathnam, P. V, *Financial Management*
5. Pandey, I. M., *Financial Management*
6. Narian, Laxmi, *Principles and Practice of Public Enterprise Management*

M. Com. Part - I

Paper - III: 2nd Half : 50 Marks

(Management Accounting)

1. *Management Accounting : An Overview*

Introduction to Management Accounting - its task, techniques. Financial Accounting, Cost Accounting and Management Accounting. Design of Management Accounting System in an organization. Basic Finance Function of a firm.

2. *Capital Budgeting*

Methods of appraisal, capital rationing, capital budgeting decisions under conditions of risk and uncertainty.

3. *Financial Statement Analysis*

Users of financial analysis. Ratio analysis - its nature, various types of ratios, Evaluation of a firm's earning power. Comparative

Statements Analysis, Trend Analysis, Inter-firm analysis, Utility of ratio analysis. Limitations of ratio analysis.

4. *Changes in Financial position*

Funds flow statement, Cash flow statement.

5. *Industrial Sickness*

Various sickness studies. Sickness in Indian perspective. Rehabilitation revival of sick units.

6. *Mathematical/Statistical Applications to Managerial Problems*

Learning curve, expected value and probability, others.

Select References

1. *Introduction to Management Accounting* - Charles '1'.

Hornigren, Prentice-Hall India

Management Accounting Principles - R. N. Anthony & J.

R. Reece. Homewood III : R. D. Irwin, Inc.

3. *Capital Investment and Financial Decisions* - H. Lary &

M. Sarnat, ME

4. *Financial Management & Policy* - James C. Van Horne,

PHI.

5. *Management Accounting* - M. Y Khan & P K. Jain, TMH.

6. *Financial Management: Theory & Practice* - Prasanna

Chandra, TMH.

7. *Advanced Cost and Management Accounting* - V. K.

Saxena & C. D. Vashist, Sultan Chand

8. *Management Accounting* - I. M. Pandey, VIKAS

9. *Financial Policy and Management Accounting* - B.

Banerjee, World Press

M. Com. Part - I

Paper - IV : Farm Management And Accounting Theory

1st Half (Farm Management) 50 Marks

1. *Field of Farm Management*

Subject matter and Scope. Purpose of Farm Planning. Dynamic nature of Farm Production. Uncertainty and Farm Planning.

2. *Land Reforms*

Importance of Land Reforms. Land Tenurial system and Tenancy Reforms. Land Ceiling Policy Progress and Assessment.

3. *Production Decisions and Production Relationships*

Production Economics and its objectives. Factor-Product relationships. Production Functions and Return relationships. Three Regions of Production Function. Technological Change and Production Function.

4. *Production Cost and Income*

Production Function and Cost Function. Product and Cost relationship. Three Zones of Cost Function and Profit Maximisation. Minimum Loss principle. Factor-Product changes and Production Decisions.

5. *Land Management*

Farm Layout - its remodeling. Soil Management. Fertilisation Management.

6. *Labour Management*

Agricultural Wages and Employment. Classification and Composition of Farm Labour. Efficiency of Farm Labour.

7. *Machinery Management*

Machinery Costs - Fixed Costs and Running Costs. Own

Machine Vs. Contractor. Size of Machine Replacement : hey and Buying Second Hand. Substituting Machinery for ur.

8. *Land use and Crop-pattern*
9. *Farm Productivity and Profitability*
Farm Size and Productivity. Farm Size and Efficiency.
10. *New Technology in Agriculture*
Meaning and Features. Impact and Progress Evaluation.
11. *Marketable Surplus*
Marketable Surplus vs. Marketed Surplus. Marketable Surplus and Price of the crop. Marketable Surplus and Size Classes of Holdings.
12. *Risk and Uncertainty.*

Select References

1. *Farm Planning and Control* - C. S. Barnard & J. K. Nix
2. *Fundamentals of Farm Business Management* - Johl & Kapur 3.
Economics of Farm Management In India - A. S. Kahlon & Karam Singh
4. *Economics of Agricultural Production and Resource Use* - Earl O. Heady
5. *Farm Management Economics* - Heady & Jensen
6. *Elements of Farm Management* - Hopkin & William
7. *Indian Economy* - A. N. Agarawal
8. *Indian Economy* - Misra & Puri
9. *Indian Economy* - Dutt & Sundaramn
10. *Indian Agriculture : Myths and Realities* - Ashok Rudra

M. Com., Part - 1

Paper - IV : 2nd Half

A) Accounting Theory

25Marks

Unit I : Introduction

Accounting theory - nature, foundations and evolution ; Accounting environments - social, economic and legal.

Unit II : Measurement of Profit

Accounting concept and Economic concept of income for financial reporting, Measurement and reporting of the elements - revenue expenses, gains and losses, valuation of Assets and Liabilities.

Unit III : Accounting Standards

Need for Accounting Standards - Roles - Different Accounting Standards bodies : FASB, IASC, ASC - Accounting Standards in India.

Unit IV : Disclosure and Transparency

Meaning, importance and scope of Disclosure - Problems of Disclosure - Extent of Disclosure - Effect on Transparency.

B) Contemporary Issues in Accounting

25Marks

Unit I : Depreciation

Definition - Causes - Methods - Controversies over depreciation as a source of fund - Scope for disclosure.

Unit II : Inflation Accounting

Unit III : Human Resource Accounting

Definition - Purposes - **Methods** of valuation of Human Resources - Disclosures. -

Unit IV : Specific Issues

Social Accounting, Environmental Accounting, Value

Select References

1. *Studies in Accounting Theory* (Wiley Eastern Ltd.) - Ghosh Maheshwari & Goyale
2. *Studies in Accounting Theory* (World Press Pvt. Ltd.) - Mukerjee & Roy (ed.)
3. Various Accounting Standards issued by the Institute of Chartered Accountants of India
4. *Inflation Accounting* (Tata McGraw Hill) - R. Gupta
5. *Inflation Accounting in a Developing Economy* (Allie Publishers Pvt. Ltd.) - Porwal & Misra
6. *Inflation Accounting* (Discovery Publishing House) - K.C. Pal
7. *Corporate Annual Reports : Theory & Practice* (Sterling Publishers Pvt. Ltd.) - Jawahar Lal
8. *Anatomy of Depreciation* (World Press Pvt. Ltd.) - G.D. Roy.
9. *International Accounting Harmonisation* (DSA in Commerce University of Calcutta) - A.K. Basu
10. *Financial Policy & Management Accounting* (World Press Pvt. Ltd.) - B. Banerjee
11. *Accounting Theory* (Tata McGraw Hill) - L.S. Porwal
12. *Accounting Theory* (Richard D. Irwin, Inc.) - Hendriksen
13. *Contemporary Issues in Accounting Research* (IAARF) B. Banerjee (ed.)
14. *Accounting Theory and Management Accountancy* (Kalyani Publishers) - Jain & Narang
15. *Accounting Theory* (Book World) - G. Sinha
16. *Human Resource Accounting* (Anmol Publications)
17. *Value Added Income* (Book World) - G. Sinha

Paper V : Managerial Economics

1st Half (Elements of Microeconomics) 50 Marks

1. Introduction

Meaning, scope and methods of managerial economics. Managerial decision making and economic theory. Multiple objectives of business firm : profit - and non-profit - maximising goals. Nature and theories of profit, measurement of profit, profits for control, profit planning and forecasting. Morphology of the market.

2. Demand Analysis

Purpose of demand analysis. Derivation of demand function from the principle of utility maximisation. Limitation of traditional demand theory.

Demand determinants and Elasticities of demand. Dynamic aspects of demand. Demand distinctions - market demand and the demand for the product of a firm, methods of demand forecasting: Econometric method for estimating the parameters of demand function.

Production and Cost Analysis

Production function and laws of production. Isoquant and Isocost - least cost combinations - expansion path. Econometrics and the production functions - properties of Cobb-Douglas and CES **production** functions. Opportunities for developing multiple products policies on adding new products and on dropping old products.

Various cost concepts. Cost-output relations : short-run and long-run cost functions - traditional theory and modern theory of costs. Cost analysis for multiproduct firm. Empirical estimation of cost functions.

4. *Price - Output Decisions*

Basic neo-classical assumption in price output determinations: perfect competition, stability of equilibrium and Cobweb theorem, monopoly - different forms, monopolistic competition - long-run equilibrium and price & selling cost adjustment-oligopoly models.

A critique of the neo-classical theory of the firm-marginalist Alist controversy. Average cost pricing, Bain's limit pricing theory. Baumol's theory of sales revenue maximisation. Marris's model of managerial enterprise, Williamson's model of managerial discretion and behavioural theory of Cyert and March.

Product line pricing : pricing for multiple products. Price forecasting.

5. *Oligopoly and Game Theory*

Game-theoretic approach to oligopoly. Classification and description of games. Two-person zero-sum game : pure strategies. Games without saddle points : mixed strategies. Non-zero-sum games : non-cooperative games. Non-zero-sum cooperative game. Solution of games by linear programming method.

6. *Input-Output Analysis*

Meaning and uses: main features Determination of gross output

Howkin-Simon conditions. Consumption possibility locus shapes in case of and two primary factors and in the presence of capacity restrictions. Prices in the Leontief system.

Select References

1. *Modern Microeconomics*: A. Koutsoyiannis
2. *Microeconomic Theory*: Henderson & Quandt
3. *Microeconomics*: K. C. Roychoudhury
4. *Managerial Economics*: J. Dean
5. *Operations Research* : Miller & Starr
6. *Managerial Economics* : Hague
7. *Managerial Decision Making* : Bradford
8. *Marketing Management* : Philip Kotler

Note : In each half of each Paper of M. Com Part I and Part II Examination, there shall be one compulsory (preferably short-answer type) question carrying 20 marks with suitable number of alternatives. In addition, four other questions of 15 marks each are to be set in each half of each paper, out of which two are to be answered.

M. Com. Part - II

Paper V : 2nd Half : 50 Marks

(Elements of Macro Economics)

1. Introduction

The Development of Macroeconomics. Varieties of Macroeconomic Theory. [21]

2. *National Income Accounting*

Different Approaches to the measurement of National Income. GNP, Identity and Saving Investment balance.

3. *Simple Keynesian Model of Income Determination*

Consumption spending and consumption function. Saving function. Determination of the Equilibrium Level of Income and Output. Equality of planned saving and planned investment.

4. *Shifts in Aggregate Spending Function and the Multiplier*

Temporary shift in the Aggregate Spending Function, Permanent shift in the Aggregate Spending Function, the Multiplier Equation.

5. *Theories on Consumption Function*

Background : Cross-sections, Cycles and Trends. Three theories of the Consumption Function - Relative Income Hypothesis of James Duesenberry; Permanent Income Hypothesis of Milton Friedman; Life Cycle Hypothesis of Ando and Modigliani

6. *Theory of Investment*

Concepts of MEC and MEI. The Keynesian Investment Function. Investment decision - cost of capital, criteria of profitability of Investment; Uncertainty and Investment.

7. *Demand Side Equilibrium*

Income and the Interest Rate Equilibrium - Income and the Interest Rate in the product market - the IS curve. Equilibrium Income and the Interest Rate in the money market - the LM

8. *Supply - Side Equilibrium*

Output and the price level - the Demand for labour- the supply of labour. Equilibrium in the Labour market.

Aggregate supply.

9. *Equilibrium in the Static Model*

Determination of Equilibrium Income, Employment Interest Rate and Price Level Adjustment in the Keynesian and the Classical models.

10. *Demand for Money*

The Regressive Expectation Model. The Portfolio Balance Approach. Baumol-Tobin Inventory Theoretic Approach. Relation of Transaction Demand for Money to Income and Frequency of Payments.

11. *Inflation*

Concepts of Inflationary gaps. The dynamics of Demand Inflation. Interaction between Demand-Pull and Cost-Push Inflation. The relationship between Inflation and Unemployment.

12. *The New Classical Macroeconomics*

Its characteristics.

13. *The Foreign Sector and the IS-LM Model*

The Current Account and the Product Market Equilibrium; The Capital Account and the Balance-of-Payments Equilibrium; Derivation of Balance of Payment function.

Select References

1. *Macroeconomic Theory and Policy*-Branson.
2. *Macroeconomics* - Levacic & Rebmann

3. *Macroeconomics* - Dernburg & Medougall
4. *Macroeconomics : Theory and Policy* - Ackley
5. *Macroeconomic Analysis* - Shapiro
6. *Macroeconomic Theory (Schauwis series)* - Diulio
7. *Macroeconomics* - Dorubush & Fisher
8. *Macroeconomics* - Branson & Litvask

Note : In each half of each Paper of M. Com Part I and Part II Examination, there shall be one compulsory (preferably short-answer type) question carrying 20 marks number of alternatives. In addition, four other questions of 15 marks each are to be set in each half of each paper, out of which two are to be answered.

M. Com. Part - II

Paper VI : Computer Applications in Accounting and Security Management

1st Half : Computer Applications in Accounting : 50

Marks Distribution of marks :

Theory : 30 marks

Practical : 20 marks (Pass marks 40%)

Theory

1. Fundamental unit, Analog/Digital Computer, CPU, Memory Devices, I/O Devices, Number systems (Binary, Octal, Hexa-decimal).
2. MSDOS, dBase-Financial Accounting, Inventory Management Data base processing, Application of any one standard commercial package (on Financial Accounting, OR, Statistics).

3. Algorithm, Flow Chart, Any one of the languages (Cobol, C, Solution of some simple problems using Cobol/C language.

Practical

1. Development and execution of a problem in dBase (Problems: Financial, Inventory Management, Searching, Sorting, Accounting, etc).
2. Solution of a problem with the help of a standard commercial package.
3. Development and execution of programmes in Cobol/C for the solution of simple problems like :
 - (i) Weighted A. M. , Standard Deviation, Correlation and Regression, Interest Calculation.
 - (ii) Searching, Sorting.
 - (iii) Determination of Present Values, Preparation of Cash Book.

Notes: 1) Distribution of marks for practical: Note Book 5 marks, each item 5 marks.
 2) The language and package to be offered are to be decided by the department at the beginning of each session.

Select References

1. *Microprocessor, Microcomputer & Their Application* - A. K. Mukhopadhyay
2. *Introduction to Microprocessor* - Aditya P. Mathur
3. *113M PC/XT for Basic Programming and- Lavis Nashelsky & Application* - Robert Boy Lestad

4. *Understanding and using dBase III plus* -Bob Krunm
5. *Cobol Programming* - M. K. Roy & D. Ghosh Dastida
6. *Programming with 'C'* - Byron S. Gottfried (Schaum's Outlin Series)
7. *Programming with 'C'* - V. Rajaraman

Note: In each half of each Paper of M. Com Part I and Part Examination, there shall be one compulsory (preferably short answer type) question carrying 20 marks with suitable number of alternatives. In addition, four other questions of 15 mark each are to be set in each half of each paper, out of which two are to be answered.

M. Com. Part-II

Paper VI : 2nd Half : 50 Marks

(Security Management)

1. *An Overview*

Nature and scope of investment decisions - components of investment risk. Valuation of securities-bond valuation. preferred stock valuation, common stock valuation.

2. *The Investment Environment*

Capital market and Money market - terminologies-functioning of stock market-different types of trading of securities - Role SEBI in Indian capital market-Updates.

3. *Analysis for Equity Investment*

Fundamental analysis - economy and industry analysis company-level analysis-Technical analysis-Efficient Market Hypothesis.

4. *Portfolio Theory*

Portfolio Analysis - traditional and modern, effects of combining securities, measurement of portfolio return and portfolio risk. Portfolio selection, Capital Market Theory - CAPM. Arbitrage pricing, Portfolio revision.

5. *Institutional and Managed Portfolios*

Performance evaluation of managed portfolios. Investment companies and their portfolio management process-Mutual funds.

Select References

1. *Security Analysis and Portfolio Management*- Donald E.Fischer & Ronald J. Jordan (PHI, New Delhi)
2. *Investment Management* - V K. Bhalla (S. Chand & Co., New Delhi)
3. *Portfolio Selection-Efficient Diversification of Investment* -Harry M. Markowitz, (Wiley, N. Y.)
4. *Modern Portfolio Theory and the Capital Asset Pricing Model*-Diana R. Harosindtas (PHI, Englewood cliffs, N. J.)
5. *Investments* - William F. Sharpe (PHI, Englewood Cliffs. N. J.)
6. *Investments* - E. F. Fama (PHI, Englewood Cliffs N. J.)
7. *Investments Analysis and Portfolio Management* - Coben, Zinbarg and Zeikal (Richard D. Irwin).
8. *Modern Investments and Security Analysis* - Fullen, Russell J. and Forrell James L, 1987, New York (McGraw - Hill)
9. *Portfolio Management* - Barua S. K., Raghunathan V and Varma J. R., 1996, TMH, New Delhi.

Note : In each half of each Paper of M. Com Part I and Part II Examination, there shall be one compulsory (preferably short-answer type) question carrying 20 marks with suitable number of alternatives. In addition, four other questions of 15 marks each are to be set in each half of each paper, out of which two are to be answered.

M. Com. Part - II

Group-A (Accounting & Control)

Paper-VII (A) : Advanced Accounting And Auditing

1st Half : Advanced Accounting (50 Marks)

1. Schemes of amalgamation, absorption, reconstruction; mergers and takeovers.
2. Consolidated financial statements of Holding Company and Subsidiaries-Problems of indirect ownership.
3. Corporate liquidation.
4. Valuation of enterprise -goodwill, shares and rights and brands..
5. Accounts of Banking Companies.
6. Accounts of Insurance : L. I. C. , Marine, Loss of Profit.
7. Accounts of Electricity Companies.

Select References

1. *Advanced Accounts* - Schukla & Grewal
2. *Advanced Accounts* - R. L. Gupta
3. *Advanced Accounts* - H. Chakravorty
4. *Accounting of Goodwill* - H. Chakravorty
5. *Advanced Accounts* - Yorston, Smyth and Brown

6. *An Introduction to India Government Accounts and Audit* - Govt. of India
7. *Advanced Accountancy* - Das & Ghosh
8. *Financial Statement Analysis* -Foster
9. *Financial Reporting* - D. Alexander
10. *Advanced Financial Accounting* - B. P. Agarwal.

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M. Com. Part - II

Group-A (Accounting & Control)

Paper-VII (A) : 2nd Half : 50 Marks

(Auditing)

1. **Introduction**
Evolution of auditing - Events having influences on auditing - Nature, Objectives and Basic concepts of auditing - Evidence in auditing
2. **Audit Sampling**
Need for sampling - sampling risk - Audit in depth - Test checking - Determination of sampling in various auditing situations.
3. **Auditing in an EDP Environment**
Features of EDP systems-Internal controls in an EDP environment-Audit of EDP-based accounts-computer assisted

audit techniques - special considerations in case of personal computers - special considerations in case of on-line systems.

4. *Audit of Companies*

Introduction - Independence of auditors - Dispersal of professional opportunities-Enquiry under section 277(1 A) of the Companies Act - Manufacturing And Other Companies (Auditor's Report) Order, 1988.

5. *New Dimensions of Auditing*

Tax audit - Social audit - Environmental audit Committees. Audit Committees.

6. *Cost Audit, Management Audit and Propriety Audit*

(a) *Cost Audit* : Definition - Importance - Cost accounting records - Provisions regarding cost audit (in the Companies Act) Cost audit report - Cost audit programme - Special features.

(b) *Management Audit* : Definition - Need - Approaches Benefits and Limitations - Scope - Programme - Report Features.

(c) *Propriety Audit*

(d) *Efficiency Audit*

Select References

1. *Contemporary Auditing* - Kamal Gupta Tata McGraw Hill
2. *Auditing: Theory & Practice* - P Kumar, P Sachdeva & J. Singh Kalyani Publishers
3. *Auditing : Principles, Practices and Problems* - Jagadish Prakash, Kalyani Publishers

4. *Fundamentals of Auditing* - Gupta & Aurora, Tata McGraw Hill Publishing Co. Ltd.

5. *Cost Audit and Management Audit* - Saxena & Vashist, Sultan Chand & Sons

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M. Com. Part - II

Group - B : (Finance and Taxtion)

Paper-VII (B) : International Business And Public Finance

1st Half : International Business Finance : 50 Marks

1. Introduction

Concepts of : International Business Finance - Importance - Scope - Benefits - Rewards and Risks. Globalisation of Finance and Real Asset Markets - Investment and Capital Market. Costs of Global Investment - Volatility of Interest Rates and Exchange Rates.

2. Foreign Exchange

Different Rates - Direct and Indirect, Bid and offered, Fixed and Flexible, etc. Markets - Spot, Forwards, Futures and Options. Hedging and Speculation. Theories of Foreign Exchange Rate Movements - Foreign Exchange Rate Risk and Exposure. Balance of Payments :

BOP Accounts - Current and Capital Account - Autonomous

and Accommodating Transactions. BOP Disequilibrium and Adjustment mechanisms.

3. ***International Monetary and Financial System***

History of the International Monetary System- Bretton Woods-IMF, IBRO- Exchange Rate Arrangements. Multinational Banking -Features and the problems.

4. ***Multinational Corporations***

Growth and special problems of MNCs - Multinational Capital Budgeting - Transfer Pricing.

5. ***Financial Dimensions of International Trade***

Letter of Credit - Alternative Payment and Guaranteeing procedures - Financing of International Trade - Bankers' Acceptances and Forfeiting.

Select References

1. *International Business Finance*, Vihamo R. Erruna et al. Global Business Press, 1994.
2. *International Financial Management*, Rodriguez Rita M. and E. Eugena Cater, Prentice Hall, 1985
3. *International Financial Management*, J.B. Holland, Basil Black Well, 1996
4. *International Economics*, Bo Sodersten, 1993
5. *Financial Institutes, Market & Money*, David S. Kidwell, Richard L. Peterson, David W. Black Well, Hercourt Brace Jodenodion 1993
6. *International Finance & Risk Management* Rejwade A.V..P.H.

7. *Money in International Exchange, The Convertible Currency System*, Ronald M. McKinnol, O.U.P., 1979

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M. Com. Part - II

Group-B (Finance and Taxation)

**Paper-VII (B) : 2nd Half : 50 Marks
(Public Finance)**

1. Public Finace : An Overview -definition, scope and instruments.
2. The theory of public goods. Distinction between public goods and private goods. Efficient allocation of public goods and private goods. Bases of wants and merit goods. Externalities.
3. Public Expenditure - Structure, growth and evalution.
4. Taxation and Government expenditure - effects of taxes and Government expenditure on work effort, savings, investment and risk bearing.
5. Fiscal Policies - Alternative fiscal policy - Compensatory fiscal policy and anti-inflationary fiscal policy, fiscal policy and growth.
6. Economics of Public Debt - **Growth and structure** of public debt. Public debt and fiscal solvency. Burden of public debt. Management of public debt.
7. Federal finance with special reference to India.

Select References

1. *Public Finance in Theory and Practice*: Musgrave & Musgrave
2. *Public Finance*: Due & Fried Lender
3. *Public Finance : A Normative Approach* : S. Ganguly
4. *Indian Economy* : Dutta & Sundaram
5. *Indian Economy* : Misra & Puri

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M. Com. Part - II

Group - A (Accounting & Control)

Paper - VIII (A) : Advanced Cost Accounting and Business Statistics

1st Half ; Advanced Cost Accounting : 50 Marks

1. (a) *Cost Control Accounts*

Introduction - The system of maintaining accounts in the Cost Books-Advantages of the system.

(b) *Reconciliation of Cost and Financial Accounts*

Introduction - Need for reconciliation - Reasons for variations in profit - the process of reconciliation - Advantages.

(c) *Integrated Accounts*

Introduction - Integrated Accounting System - The Double Entry Method - The Third Entry Method.

2. *Process Costing*

Treatment of process losses - Inter-process profit- Equivalent Production - Joint product and By-product costing - Depth of processing.

3. *Marginal Costing*

Preliminary concepts - BEC - Multi-product BEC - Various managerial decisions using marginal costing - problems of limiting factor and product mix.

4. *Budgetary Control*

Definitions of Budget and Budgetary Control - Objectives - Preliminaries - Advantages and Limitations - Organisation - Types of Budgets - Preparation of Functional Budgets, Master Budgets -Flexible Budgeting - Zero Base Budgeting - Performance Budgeting - Behavioural aspects in Budgeting.

5. *Standard Costing*

Definitions - Objectives - Similarities and Dissimilarities with budgetary control - Advantages - Limitations ; Variance analysis - Cost Variances - Revenue Variances - Investigation of Variance - Accounting for Cost Variances - Control by exception.

6. *Responsibility Accounting*

Meaning and Objectives - Responsibility Centres - Divisional Performance Measurement Methods - Inter-divisional Transfer Pricing problems - International Transfer Pricing.

7. *Value Analysis and Value Engineering*

Definitions - Basic steps/elements - purposes of Value Analysis - Application of Value Engineering - Productivity Measurement - Productivity Index.

8. *Contemporary Issues in Cost Accounting*

(a) *Activity Based Costing:*

Definition - The concept and the approaches - Characteristics - Developing the system of ABC - Benefits and uses - Prevalence of identified factors affecting ABC system in emerging economies.

(b) *Target Costing:*

What it is - As a basis of product pricing - Steps in developing the target cost and target price.

Select References

1. *Cost Accounting -A. Managerial Emphasis:* Horngren, Foster & Dater
2. *Principles and Practice of Cost Accounting :* N. K. Prasad & A. K. Prasad
3. *Advanced Cost and Management Accounting :* Saxena & Vashist
4. *Costing Adviser:* P. V Rathnam
5. *Cost Accounting :* B. Benerjee
6. *Handbook of Cost Accountancy:* Dickey
7. *Handbook of Cost Accountancy:* Davidson & Well
8. *Advanced Management Accounting:* Ravi M. Kishore
9. *Advanced Cost and Management Accountancy :* Mukherjee & Roychowdhury
10. *Management Accounting:* Khan & Jain

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M. Com. PART - II

Group - A (Accounting & Control)

Paper - VIII (A) : 2nd Half : 50 Marks

(Advanced Business Statistics)

I. *Probability (Applying Set Theory)*

Classical. Frequency and Axiomatic definition of probability, Conditional probability and Statistical Independence, Theorems on probability : Total, Compound and Bayes theorems, matching problems Random variable and Expectations.

2. *Theoretical Distributions*

Probability function, probability density function and Distribution function, Moments and moment generating functions. Special Distributions : Binomial, Poisson, Normal and Exponential - Model, definition, uses, mean, variance, skewness and kurtosis. Joint distribution of two variables.

3. *Sampling and Sampling Distributions*

Samplings Complete enumeration, Different types of sampling, methods of drawing Random Sample, Parameter. Statistic and Sampling Distribution, Expectation and Standard Error of Sample mean and sample proportion, Central Limit Theorem. Sampling Distributions : Standard Normal χ^2 and F-Statement & uses.

4. *Statistical Inference*

Point Estimation - Methods of point estimation and critical for best estimation - Interval Estimation.

Testing of Hypothesis - two types of errors, critical region, power function, Neyman and Pearson's intuitive approach.

Sample tests of significance (Large and Small Samples) : Mean, Variance, Proportion and Correlation Coefficient.

Frequency χ^2 and its uses.

5. *Non-Parametric Methods,*

Advantages and disadvantages of non-parametric methods over parametric methods. Median test, Sign test, Run test and Rank test, Kalmogorov-Smirnov statistic.

6. *Analysis of Variance*

Introduction, Assumptions, Models, One-way classification, Two-way classified data.

Select References

1. Goon, Gupta, Dasgupta : *Fundamentals of Statistics, Vol. I & Vol. II*
2. Mathai, Rathie : *Probability and Statistics*
3. Kapur, Saxena : *Mathematical Statistics*
4. Hoel : *Introduction to Mathematical Statistics*
5. S. P. Gupta : *Statistical Methods*
6. Kenney, Keeping : *Mathematical Statistics*
7. Goon, Gupta, Dasgupta : *An Outline of Statistical Theory, Vol. II*

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M. Com. Part - II

Group - B : (Finance and Taxation)

Paper - VIII (B) : Taxation

1st Half : Direct and Indirect Tax : 50 Marks

1. Basic concepts regarding Assessment year, Previous year, Person, Assessee, Income. Types of companies, Deemed: dividend Residential status of a company, Capital income & expenditure Vs. Revenue income & expenditure.
2. Depreciation and other allowances.
3. General principles governing assessment of business income, Deduction expressly allowed in respect of expenses/allowances, Amount expressly disallowed.
4. Taxation of Companies - Gross total income, deductions therefrom, taxable income and tax liability.
5. Wealth Tax - Chargeability, computation of net wealth, meaning of the term 'assets' and 'deemed assets', assets exempt from tax, valuation of assets, computation of tax liability.
6. Gift Tax - Chargeability, gift and deemed gifts, computation of taxable gifts.
7. Excise and Customs duties - Concept, objective, basis of levy, assessment procedure, drawback of duties of customs.

8. Central Sales Tax - Evolution and scope of levy. concept of inter-state sales, basis of assessment.

Select References

1. *Income Tax Act, 1961*
2. *Income Tax Rules, 1962*
3. *Finance Act*
4. *The Wealth Tax Act, 1957*
5. *The Gift Tax Act, 1958*
6. *The Central Excise Tariff Act, 1986 and Rules thereunder*
7. *The Customs Act, 1962 and Rules thereunder*
8. *The Central Sales Tax Act, 1956*
9. *Law and practice of Income Tax in India: Kanga and Palkivala.*
10. *Direct Taxes - Law & Practice : Dr. V K. Singhania*
11. *Direct Taxes - Law & Practice : Bhagwati Prasad*
12. *Corporate Tax Planning : E. A. Srinivas*
13. *Corporate Tax Planning: D. A. Upponi*
14. *Indirect Taxes - Law & Practice: V. S. Datev*

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M. Com. Part - II

Group - B : (Finance and Taxation)

Paper - VIII (B) : 2nd Half : 50 Marks

(Tax Planning and Management)

1. Concept of Tax Planning. Tax Avoidance. Relevance of Corporate planning - Strategic planning, Project planning, Operational planning, with corporate tax planning.
2. Tax planning with reference to financial management decisions specific managerial decisions.
3. Aggregation of income and set - off and carry forward of losses.
4. Tax planning relating to deductions from gross total income and tax liability for corporations.
5. Tax planning in respect of mergers / amalgamation of companies, setting up of new businesses, marketing decisions, reconstructions.
6. Procedural aspects of assessment, appeals and revision, review and rectifications.

Select References

1. *Income Tax Act, 1961*
2. *Income Tax Rule 1962*
3. *Finanance Act*
4. *The Wealth Tax Act, 1957*
5. *The Gift Tax Act, 1958*
6. *The Central Excise Tariff Act, 1986 and Rules thereunder*
7. *The Customs Act, 1962 and Rules thereunder*

8. *The Central Sales Tax Act, 1956*
9. *Law and Practice of Income Tax in India* : Kanga and Palkivala
10. *Direct Taxes - Law & Practice*: Dr. V K. Singhania
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13. *Corporate Tax Planning* : D. A. Upponi
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