

# 5301 NEW

## M. Com (Accountancy & Statistics): Final

### 5.1 Advanced Financial Management

#### Unit I

Time value of money: concept and relevance, Compounding techniques: future value of single and series of cash flow, effective rate of interest, Discounting Techniques: Present value of future cash flow and series of future cash inflow, present value of perpetuity, Annuity due, growing perpetuity and growing annuity, applications of the concept of time value of money: finding out implied rate of interest, number of periods, sinking fund and deferred payment.

#### Unit II

Capital Budgeting under Risk and Uncertainty: Assumptions and types of Risk, conventional techniques: Risk adjusted discount rate, certainty equivalent, Quantitative techniques: Statistical, sensitivity and decision tree, Capital budgeting under capital rationing, inflation, with unequal lives of proposal

#### Unit III

Business Valuation and corporate restructuring: conceptual framework of valuation, Methods of valuation: Asset based, earning based, market value based, fair value based, Conceptual and financial framework of corporate restructuring

#### Unit IV

Value of firm and capital structure: concept of value of firm, capital structure theories: Net income, net operating income, traditional and Modigliani Miller, profitability and capital structure, liquidity and capital structure, financial distress, project financing and project beta.

#### Unit V

Financial derivatives: Futures, options, SWAPS, and Credit Derivatives, Lease financing, Financial evaluation of Merger and acquisition

#### Suggested Readings

1. Agrawal M R,: Financial management, Garima Publications, Jaipur
2. Halm Levy and Michael J. Alderson, Principles of Corporate Finance, S.W. College Publication Ohio – USA.
3. Hampton John, J.: Financial Decision Making, Prentice Hall of India, New Delhi.
4. Khan and Jain,: Financial Management Text, problems and cases, Tata McGraw Hill
5. Prasannchandra : Financial Management, Tata McGraw Hills, New Delhi.

# 5302 NEW

## M. Com (Accountancy & Statistics):

### Final

#### 5.3 Goods and Service Tax

##### Unit –I

CGST/SGST - Important terms and definitions under Central Goods and Service Tax Act, 2017 and State Goods and Service Tax Act, 2017, Basic of GST, Meaning and scope of supply, Levy and collection of tax.

##### Unit – II

CGST/ SGST - Time and Value of Supply of goods and / or services, Input Tax Credit, Transitional Provisions, Registration under CGST/SGSCT Act, Filing of Returns and Assessment, Payment of Tax including Payment of tax on reverse charge basis, Refund under the Act.

##### Unit – III

CGST/SGST - Maintenance of Accounts and Records, Composition scheme, Job work and its procedure, Various Exemptions under GST, Demand and recovery under GST, Miscellaneous provisions under GST.

##### Unit – IV

IGST – Scope of IGST, Important terms and definitions under Integrated Goods and Service Tax Act, 2017, Levy and collection of IGST, Principles for determining the place of supply and Place of supply of goods and services, Zero rated Supply.

##### Unit – V

GST Registration Rules 2017, GST Payment of Tax Rules 2017, GST Return Rules 2017, GST Tax invoice, credit and debit notes rules 2017, GST Refund Rules 2017, GST Composition Rules 2017, GST Input tax credit rules 2017.

##### Suggested readings:

1. Rastogi, Abhishek: Professionals guide to GST Ideation to reality (2017)
2. Datey V.S.: GST Ready Reckoner, Taxman Publication, New Delhi
3. Commercial GST, Commercial law publisher (India) Pvt Ltd, New Delhi
4. Mohan, Rajat: Illustrated guide to GST (2017)

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## M. Com (Accountancy & Statistics): Final

### 5.2 International Financial Reporting Standards

#### Unit – I

Accounting standardisation in India and U S, IASB: Meaning and scope of IFRS, Compliance with standards, IAS Framework, Objectives, Procedure for issuing standards, effective dates etc.

IFRS-2 Share Based Payments

IFRS-3 Business Combination

#### Unit – II

IFRS-4 Insurance Contracts

IFRS-7 Financial Instruments Disclosure

#### Unit III

IFRS-8 Operating Segments

IFRS- 9 Financial Instruments

#### Unit – IV

IFRS -10 Consolidated Financial Statement

IFRS- 11 Joint Arrangements

#### Unit V

IFRS -12 Disclosure of Interest in other entities

IFRS-13 Fair Value Measurement

#### Suggested Readings:

1. Ghosh, T.P.: Accounting standards and Corporate Accounting Practices: Taxman Publications, New Delhi.
2. Kulkarni, Shirish: International financial Reporting Standards, Sonali Publications, New Delhi.
3. Macjenzie, coetsee et.al, Interpretation and Aplication of International Financial Reporting Standards, Wiley & Sons

# 5304 NEW

## M. Com (Accountancy & Statistics):

### Final

#### 5.4 Security Analysis and Portfolio Management

##### Unit – I

Investment – Introduction, Objective, Investment & Speculation, Investment & Gambling, Constraints, Investment Process, forms of Investment, Investment Opportunities Risk in Investment-- Systematic Risk, Unsystematic Risk, Return in Investment.

##### Unit – II

Equity Research- Introduction, Economic Analysis, Industry Analysis, Factor Affecting Industrial Performance, Industrial Life Cycle, Company Analysis, Financial Health

##### Unit – III

Technical Analysis: Introduction, Principles, Advantages, Criticism, Technical Price Forecasting Various Indicators, Dow Theory, Chart Patterns, Difference between Fundamental and Technical Analysis

##### Unit – IV

Efficient Market Theory:, Introduction, Concepts, Random Walk Theory , The Efficient Market Hypothesis, Testing of different forms of market efficiency and their significance.

##### Unit – V

Portfolio Analysis: Introduction, Fundamental Principles, Portfolio Management: Traditional and modern approaches, Markowitz Model, Sharp portfolio Optimisation and CAPM model

##### Suggested Readings

1. Avadhani, V.A. :Investment Management, Himalaya Publishing House
2. Fabozzi, Frank J.: The Institutional Investor Focus on Investment Management, Ballinger publishing Co.
3. Fischer, Donald E and Jordan, Ronald T.: Security analysis and Portfolio Management, Prentice Hall of India Ltd. (VIth Edition).
4. Francis, Jack Clark :Investment Analysis and Management, McGraw Hill Book Co.
5. Khatri Dhanesh :Security analysis and Portfolio Management, Macmillan Publisher
6. Sasidharan, K and Mathew Alex-- Security analysis and Portfolio Management, Tata , McGraw Hill

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## M. Com (Accountancy & Statistics): Final

### 5.5 Advanced Statistical Analysis

#### Unit-1

Moments and Kurtosis, Probability including mathematical expectations, Bayesian Approach. Interpretation of Statistical Data: meaning, errors of interpretation and precautions

#### Unit-II

Interpolation and Extrapolation, Vital Statistics: Meaning, Measurement of Mortality, fertility and population growth

#### Unit-III

Non-parametric tests: Sign test, Run test, Signed Rank Test, Kruskal Wallis Test, Median Test, Kolmogorov-Smirnov Test, Mann-Whitney U Test, Kendall's Coefficient of concordance.

#### Unit-IV

Statistical Decision Theory and Statistical Quality Control

#### Unit-V

Partial and Multiple Correlation and Regression, Issues in Regression: Multicollinearity, Heteroscedasticity and Autocorrelation.

Suggested Readings:

1. Gujarati, Damodar N & Sangeetha: Basic Econometrics, Tata McGraw Hill
2. Gupta, S.P.: Statistical Methods, Sultan Chand & Sons, New Delhi
3. Gupta, B.N. : Business Statistics, S.B.P.D. Publication, Agra
4. Hooda, R.P. – Statistics for Business and Economics, Vikas Publishing
5. Nagar K.N. : Statistics, Meenaskhi Prakashan, Meerut
6. Sancheti and Kapoor: Statistics (Theory, Methods & Application), Sultan Chand & Sons