POST-GRADUATE DIPLOMA IN FINANCIAL ANALYSIS AND CONTROL

EXAM 2016

Scheme of Examination

1. A Candidate must obtain for a pass at least 25% marks in each individual paper and the monograph and 36% marks in the aggregate. The classification of successful candidates will be as follows:
   First Division 60% of the aggregate marks
   Second Division 48%
   All the rest will be declared to have passed the examination. Every candidate shall be required to offer the following six papers and each paper of three hours duration carrying 100 marks.

2. There will be five questions in all. The candidates are required to attempt all the question. There will be one question from each unit with an internal choice (either/or).

3. Every candidate for the above diploma Examination shall be required to offer the following papers. Each theory paper shall be of 3 hours duration and carry 100 marks.

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PAPER-I FINANCIAL MANAGEMENT

Time : 3 hours

Max. Marks : 100

Unit I    Introduction - Functions, Scope, goals and objectives of Financial Management. Task and responsibilities of a Modern Financial Manager.

Unit II   Sources of Short term and long term financing-Equity Vs Debt. Cost of Capital-Basic Concept and Assumption. Cost of Various Sources of Capital. Weighted average Cost of various sources of Capital. Weighted average cost of Capital.


Books Recommended:

PAPER II: FINANCIAL PLANNING AND CONTROL
Time : 3 hours Max. Marks : 100


Unit II Capital Expenditure Decision— The Process of capital budgeting. Appraisal criteria—payback period. average rate of return and net present value.


Unit III Standard Costing— Meaning of Standard Costing, Budgetary control and standard costing, suitability of standard costing as a management tool, limitation of standard costing.

Variance Analysis—Cost variance, direct material variance. Direct labour cost variance, overhead variance, Sales variance. Control of variance.
Unit IV Break even Analysis-Break-even point, profit volume ratio, assumption of break even analysis, Limitation of break-even analysis.

Unit V Decision involving alternative choice-concept of different cost. Determination of sales mix, exploring new market, discontinuance of a product line. Make or buy decisions. Decisions regarding equipment replacement.

Books Recommended:
1. P.Chandra : Manager’s Guide to Finance & Accounting

PAPER - III : FINANCIAL SERVICE AND MERCHANT BANKING

Time: 3 hours

Max. Marks: 100


Unit III Consumer -Finance-Need, Types and sources, housing and real estate Financing-types and structure of Housing and real estate financing agencies.

National Stock Exchange-Organisation and process of operation. OTCEL organisation and working, Stock Holding Corporation of India and credit and investment Rating Agencies in India -Crsl and other.

Unit IV Merchant Banks-Meaning and Functions, public issue, fixed deposit mobilisation, arranging corporate loans and International finance.


Books Recommended:

PAPER - IV: SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT

Time: 3 hours Max. Marks: 100

Unit I Investment Avenues-Shares, Debentures. Government securities and Bonds. Comparative study of investment avenues shares, debentures, NFC, mutual funds and others.

Unit II Securities Market: Meaning and development, listing security market indices. BSE Sencex Dollex, National Indes. Technical's Analysis of Stock Marketing operation, Transfer of Shares.


Unit IV Portfolio Theory (Decisions) - Efficient market hypothesis-Forms and test: concept of portfolio and sharp model. Capital assets pricing model-test and applications. Albitarage pricing theory.

Risk Return Expectation -Investment Goals and Constraints, assets allocation, portfolio management strategies and portfolio revision


Books Recommended:
7. B.Mayo Herbert: Basic Investment (Dyden Press).
8. K. Bhalla and S.k Tuteja: Investment Management (S.Chand).
PAPER-V : ECONOMIC AND QUANTITATIVE TECHNIQUES

Time : 3 hours

Max. Marks : 100

Unit I Utility Theory, Definition of Demand Curve, Demand Function and elasticities.
Production function, cost function, cost concept, economy and diseconomy of sales.

Unit II Theory of Firm, market structure, perfect competition monopoly and monopolistic competition. Price decision and policy.

Unit III Quantitative Techniques-Meaning and scope. Role of Quantitative Techniques in Business and Industry.
Regression Analysis. Simple and Multiple, its importance and application to business; practical and multiple co-relation.

Unit IV Probability-its meaning and significance, addition and multiplication rules, conditional probabilities and Baysian analysis in business decision. Monte Carlo Methods.

Unit V Sampling Theory and its significance. Sampling analysis in case of large and small samples. Test of significance- z 't' and F-tests.
System approach to management and operation research-Linear Programming (Graphics and Simplex method). Distribution methods and optimal assignments. Elementary study of queuing and Game Theory.

Books Recommended :
2. D.N. Dwivedi: Managerial Economics.

PAPER-VI : PROJECT WORK AND VIVA VOCE

Project work of about 5,000 words based on six weeks practical training indicating the candidate own experience with regard to the establishment /Project approved for the purpose. by the Head of the Department. The candidates project work, along with the certificates from the supervisor/teacher and the organisation concerned will be required to the submitted within two months of the last date of the written examination.

PROJECT WORK - 50 MARKS. VIVA-VOCE - 50 MARKS.

[Signatures]