

Engineering Economics, Finance, Accounting and Costing

B.E. Sem. VIII [PROD]

EVALUATION SYSTEM

	Time	Marks
Theory Exam	3 Hrs.	100
Practical Exam	–	–
Oral Exam	–	–
Term Work	–	25

SYLLABUS

1. Introduction to Economics

Economic problems, Choice and allocation of resources, Opportunity cost, Demand-supply and market system, Elasticity of supply and Demand; Individual as producer, consumer and borrower; The private firm as producer and employer, The aims of government policies and government's influence on economy, Simple measures and indicators of comparative living standards.

2. Introduction to financial management

Financial Environment in industry, Requirements and use of money, Short term and long term uses of money, Sources of funds, Financial institutions, Capital investments, Working capital, Entrepreneurial finance analysis, Time value of money, Evaluation of cash flows, Annuities, Investment risks and returns, Depreciation, Comparison of investments, Preparation of budgets and budgetary control, Projects and contracts planning.

3. Purpose and context of the accounting framework, Introduction to the financial statements from typical Annual Reports of the Organizations, Role of accountant, Basic accounting concepts and principles. Double entry bookkeeping, Books of prime entry, The use of computer software in the processing of data, The role of journal.

4. Trial balance, Presentation formats of Financial Statements, Profit and Loss concepts, Fixed and current parts of Liabilities and assets, Preparation of Profit and Loss Accounts and Balance Sheet, Review of performance, Financial Ratios

5. Elements of Cost, Material and Labor cost accounting and control, Overheads allocation and absorption. Unit and Batch Costing, Activity based costing.

6. Process costing, Processing in sequence, Service Costing, Transport operations, Cost based management accounting, Marginal Costing, Break even point, PV ratios, Standard Costing, Cost elements variances

References Books :

1. Accounting for Management (*Dr. Jawahar Lal*)
2. Accounting for Management (*Dr. Khan and Jain*)
3. Economics (*Samuelson, Nordhaus*)
4. Basic Economics (*Mr. Maheshvari*)
5. Financial Management (*Dr. Prasanna Chandra*)
6. Financial Management (*Mr. Bhattacharya*)
7. Costing (*Mr. Babatosh Banerji*)
8. Costing (*Dr. Jawahar Lal*)

