

**PROJECT PLANNING & CONTROL**

**Max Marks: 100**

**External Marks: 80**

**Internal Marks: 20**

**Time: 3 Hours**

**Note: There will be eight (8) questions in all. The first question is compulsory and consists of six (6) short-questions having four (4) marks each. Answer to these questions should not exceed 150 words. The candidate will be required to attempt any four questions out of remaining seven (7) questions and each question carries fourteen (14) marks each. Duration of each paper will be three (3) hours.**

Identification of Investment Opportunities; Project ideas generation and screening, project analysis; Project feasibility study; Project planning, Government Regulatory framework.

Market and Demand Analysis: Sources of information- primary and secondary; Demand forecasting and market planning;

Technical Analysis: Materials and inputs; Production technology; Product mix; Plant location and layout; Selection of plant and equipment;

Financial Analysis: Cost of project and means of financing; Major cost components; Planning capital structure; Financing schemes of financial institutions.

Profitability and Financial Projections: Cost of production; Break-even analysis; Projected balance sheet, profit and loss account and cash flow statement.

Appraisal Criteria and Process: Methods of appraisal under certainty, uncertainty and risk; Investment appraisal in practice; Appraisal process of financial institutions;

Social Cost Benefit Analysis: Meaning and methodology; L&M and UNIDO approach; SCBA in India.

Project Review/control- Evaluation of project. PERT/CPM. Problem of time and cost overrun, Project implementation practices in India.

**REFERENCES**

Bryce, MC: *Industrial Development*, McGraw Hill (Int. Ed), New York.

Chandra, Prasanna: *Projects: Planning Analysis, Financing, Implementation, and Review* Tata McGraw Hill, New Delhi.

Patel, Bhavesh M, *Project Management*, Vikas publishing House pvt. Ltd., New Delhi Chaudhary, S.: *Project Management*, Tata McGraw Hill, New Delhi.

I.D.B.I: *Manual of Industrial Project Analysis in Developing Countries*.

O.E.C.D: (i) *Manual for Preparation of Industrial Feasibility Studies*. (ii) *Guide to Practical Project Appraisal*.

Pitale, R.L: *Project Appraisal Techniques*, Oxford and IBH. Planning Commission: *Manual for Preparation of Feasibility Report*.

Timothy, D.R. and W.R Sewell: *Project Appraisal and Review*, Macmillan, India.