

300858(76)

B. E. (Eighth Semester) Examination, April-May 2021

(New Scheme)

(Electronics and Telecommunication Engg. Branch)

**PROJECT PLANNING, MANAGEMENT
& EVALUATION**

Time Allowed : Three hours

Maximum Marks : 80

Minimum Pass Marks : 28

***Note : Attempt all questions. Part (a) is compulsory
& carries 2 marks and attempt any two parts
from (b), (c) and (d) carries 7 marks each.***

Unit-I

1. (a) What is SWOT analysis?
- (b) How project ideas are generated? What aspects of business environment need to be monitored?

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- (c) What are the qualities and traits of a successful entrepreneur?
- (d) "Socio-economic consideration in project formulation" critically analyze the statement.

Unit-II

2. (a) What is an econometric model?
- (b) Explain various methods of demand forecasting.
- (c) What are various uncertainties in market analysis and demand forecasting?
- (d) Write your comments on technical analysis of projects.

Unit-III

3. (a) What is break even analysis?
- (b) What are the components of cost of project? Discuss them in detail.
- (c) What are the key points for estimation of working capital requirement and its financial planning?
- (d) Discuss the major components of cost of production.

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Unit-IV

4. (a) How Net Present Value (NPV) can be an important criterion for acceptance of a project?
- (b) Explain rationale for the NPV rule. Evaluate NPV of a firm's project with following cash flow stream :

Year	Cash Flow (in Rs.)
0	10,00,000
1	2,00,000
2	2,00,000
3	3,00,000
4	3,00,000
5	3,50,000

Where the discount rate for the firm is 10 percent.

- (c) What is IRR and the problems associated with IRR? What are redeeming qualities of IRR?
- (d) Write short notes on accounting rate of return and payback period?

Unit-V

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PTO

5. (a) State the rules of constructing a project network.
- (b) What is the main aspect of project planning? How is it important for a successful project? Explain.
- (c) Explain the CPM analysis with the help of a simple example.
- (d) What are steps involved in PERT analysis?