

**MMS/M06**  
**PROJECT MANAGEMENT**  
**Paper-FM-406**

7460

Time: Three Hours]  
70

[Maximum Marks:

Note:- Attempt FIVE questions in all (including question no. 1 that is compulsory).

Answer the following in not more than a half page:

- (i) What are the important characteristics of capital-expenditure?
  - (ii) What is SWOT - Analysis for a project-incharge?
  - (iii) What is 'Pay-Back' period for a project?
  - (iv) Investment cost.
  - (v) Network - Techniques
  - (vi) Euro-Bonds.
  - (vii) Environmental-Management.
2. As a project incharge, you~re required to discuss the 'broad sectors' of business environment and the scouting for project ideas before your team members. Explain how would you do it stepwise and subject matter wise?
3. As a technical analyst how will you analyse several factors that have a bearing on the plant-capacity? Explain in an appropriate order.
4. UNIDO-approach to evaluate the social-cost benefits follows stage wise process. The stage two is as follows  
"Net benefit in terms of "Efficiency" Prices." Discuss this stage in detail including the shadow price of unit of foreign exchange.5.Discuss the following in the context of a goal Program-ming model: objective function and economic constraints. Also make the feasible combina-tions with the help of following data:
- | Project | Outlay<br>Rs. | NPV<br>Rs. |
|---------|---------------|------------|
| A       | 18,00,000     | 7,50,000   |
| B'      | 15,00,000     | 6,00,000   |
| C       | 12,00,000     | 5,00,000   |
| D       | 7,50,000      | 3,60,000   |
| E       | 6,00,000      | 3,00,000   |
- Projects B ~md C are mutually exclusive. Other projects are independent. Use feasible com bination approach.
6. At the time of implementation of a selected project, the Net-Work- Technique is used to determine the critical path. What is the procedure of determining the critical path? Also give the formula of calculating the standard-deviation in PERT-analysis.
7. As manager of finance-cum-project how many sources of long term finance you should know? Give the list. You want to take a term-loan, then what will be its procedure? Explain.
8. Explain any three of the following in not more than 2 pages each
- (i) Environment Appraisals of Projects.
  - (ii) Abandonment Analysis
  - iii) Project-Risks
  - (iv) Demand Forecasting (v) Work-Schedule (vi) Projected Cash Flow-Statement.

