

**MANAGEMENT PROGRAMME**

**Term-End Examination**

**December, 2013**

**MS-52 : PROJECT MANAGEMENT**

*Time : 3 hours*

*Maximum Marks : 100*

*(Weightage 70%)*

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*Note : Answer any four questions. All questions carry equal marks.*

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1. (a) Describe the objectives, planning procedure and organisational structure required for commissioning of projects.  
(b) Explain the importance of "Project Review" in the context of control of a project.
2. (a) Describe the important phases of a project Life Cycle.  
(b) How do you measure the error in demand forecasting ? How can we optimize the conflicting factors of cost and accuracy of demand forecasting ?
3. (a) Discuss the various issues related to commercial and socio economic aspects of any project while preparing a detailed project report.  
(b) What is matrix organisation ? Discuss the advantages of this organisation design for project management.

4. (a) "Management of materials and equipments forms the core of project management" - Justify the statement.
- (b) Discuss the various methods of resource allocation.
  
5. (a) What are the objectives of Project management information system ? Also explain Work Breakdown Structure (WBS).
- (b) Identify and explain the factors affecting the control of project cost.
  
6. A maintenance project related to capital shutdown of turbine in a thermal power plant consists of the following jobs.

Activity :	1 - 2	2 - 3	2 - 4	3 - 4	3 - 5	4 - 6	5 - 8
Duration : (Weeks)	2	7	3	3	5	3	5

Activity :	6 - 7	6 - 10	7 - 9	8 - 9	9 - 10
Duration : (Weeks)	8	4	4	1	7

- (a) Draw the network diagram of this project
- (b) Calculate the project completion time
- (c) Identify the critical path
- (d) What are the different kinds of Floats ?  
What is the significance of floats in any project ?
- (e) Calculate the TOTAL and FREE floats for all activities.