

Printed Pages—03

ME—601

(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : 4049

Roll No.

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B.Tech.

SIXTH SEMESTER EXAMINATION, 2004-2005

PROJECT MANAGEMENT

Time : 2 Hours

Total Marks : 50

- Note :** (i) Attempt all **FOUR** questions, there are choices within.
(ii) Marks are indicated there in.

1. Attempt **any three** of the following : **4x3=12**
- (a) Describe characteristic features of a project.
- (b) What do you understand by the term "LIFE CYCLE". Illustrate different phases of project life cycle.
- (c) Enumerate the authorities of a project manager.
- (d) Define : (i) Tender and
(ii) Contracting
- (e) Explain different phases of project planning.
- (f) Explain cost of a project and its B.E.P.

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ME—601

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2. Write short notes on *any two* of the following :

6x2=12

- (a) Project Direction, Coordination and Control.
- (b) Computerized Project Management System.
- (c) NPV and IRR Appraisal Criteria.
- (d) Reasons for Project Delays and its effect on Total Project Cost.
- (e) Future of project management.

3. Attempt *any four* of the following :

4x4=16

- (a) What is the basic difference between PERT and CPM ?
- (b) Discuss the difference between Total Float, Free Float and Independent Float.
- (c) With the help of an example explain the procedure of CPM analysis.
- (d) Illustrate the problem of scheduling in view of Resource constraints.
- (e) With a suitable example, explain the technique of contracting the network.
- (f) Explain :
 - (a) Three time estimates
 - (b) Expected time
 - (c) Earliest expected time and Latest allowable occurrence time as used in PERT analysis.

1. Write short notes on *any two* of the following :

5x2=10

- (a) E Commerce.
- (b) Total Quality Management and continuous improvement.
- (c) Material Requirement Planning.
- (d) Enterprise Resource Planning.
- (e) Project management performance.