B. Tech.
(SEM. VI) EXAMINATION, 2006-07
PROJECT MANAGEMENT

Time : 2 Hours] [Total Marks : 50

Note : Attempt all the questions.

1 Attempt any four parts of the followings : $3 \frac{1}{2} \times 4 = 14$

(a) What background informations are required for defining goals of a project ? Explain.

(b) Describe the procedure of ‘breaking down a structure’ in forming an organization. Explain with example.

(c) Write short note on the followings:
   (i) Letter of indent
   (ii) Open tender
   (iii) Performance measurement indicators

(d) List the responsibilities of a project manager. Describe ‘coordination’ in detail.

(e) Explain the difference between internal and external project control.

(f) Describe the features and properties that distinguish human organization from other systems.

V-4049] 1 [Contd...
2 Attempt any two parts: 6x2=12
(a) Differentiate between Project Management Information System and Ordinary Management Information System. Discuss the basic information required for a good Project Management Information System.
(b) Name and describe the functions which are performed better with computer based project management information system.
(c) Discuss the difficulties encountered in managing a project. Explain with an actual example.

3 Attempt any two parts: 6x2=12
(a) Explain followings with one example:
   (i) Total float
   (ii) Independent float
   (iii) Free float.
(b) Describe three time estimates used in a PERT network. Show these time estimates on the frequency distribution they follow.
(c) Describe the process of crashing a network in detail.

4 Attempt any two parts: 6x2=12
(a) Describe the five elements of Total Quality Management.
(b) What is ERP? How is it different from MRP? Discuss any one popular ERP Software.
(c) Explain the following terms and their use in MRP:
   (i) Bill of material
   (ii) Master Schedule.