Printed Pages : 2   **ME – 601**

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

PAPER ID : 4049   Roll No. [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

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 :   6×2=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 :   6×2=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 :   6×2=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.

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