B *E*(I.T.) sem 8 (Rev.) Project Mngt. 04/12/07 Library

Con/5096–07.   (REVISED COURSE)   CD–7335

(3 Hours)   [Total Marks : 100

N.B. : (1) Question No. **1** is **compulsory**.
   (2) Attempt any **four** questions out of remaining **six** questions.
   (3) **All** questions carry **equal** marks.
   (4) Assume **suitable** data if **necessary**.

1. (a) Outline the steps in IGPS and explain what do you understand by IGPS **10**
      (Inter-group-problem-solving).
   (b) Explain briefly the contents of project-master plan with examples. **10**

2. (a) What are the four types of project management roles ? Describe the **8**
      responsibilities and authority of managers in each role.
   (b) Consider a XYZ company under take a project to computerized working of **12**
      ABC City Bank, then –
      (i) Develop W.B.S. for the same project
      (ii) Develop responsibility matrix.

3. (a) Differentiate between CPM and PERT. Describe how GERT overcomes the **10**
      limitations of PERT/CPM.
   (b) Describe the difference between open and closed systems, and between human **5**
      made and natural system.
   (c) Explain the difference between a statement of works and a contract statement **5**
      of work and work requisition or work order.

4. (a) Distinguish between a interface event and milestone event. What are some **5**
      examples of each ? When is an interface event also a milestone event.
   (b) Explain how Gantt-chart can be used for planning and controlling small **10**
      projects ? What are the limitations of Gantt-chart.
   (c) Explain the difference between – **5**
      (i) Total slack and free slack
      (ii) AON and AOA diagrams.

5. (a) State and explain different types of project environment. **10**
   (b) Describe the process of conducting system analysis. **10**

6. (a) Explain the system development cycle in detail. **10**
   (b) Describe cause-and-effect diagram. Pick a problem of your own choice and **10**
      use a cause-and-effect diagram for illustration.

7. Write short notes on any **two** : **20**
      (a) W. B. S.
      (b) Six Sigma
      (c) PMIS.

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