

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 (Inter-group-problem-solving). **10**  
 (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 responsibilities and authority of managers in each role. **8**  
 (b) Consider a XYZ company under take a project to computerized working of ABC City Bank, then – **12**
    - (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 limitations of PERT/CPM. **10**  
 (b) Describe the difference between open and closed systems, and between human made and natural system. **5**  
 (c) Explain the difference between a statement of works and a contract statement of work and work requisition or work order. **5**
  4. (a) Distinguish between a interface event and milestone event. What are some examples of each ? When is an interface event also a milestone event. **5**  
 (b) Explain how Gantt-chart can be used for planning and controlling small projects ? What are the limitations of Gantt-chart. **10**  
 (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 use a cause-and-effect diagram for illustration. **10**
  7. Write short notes on any **two** : **20**
    - (a) W. B. S.
    - (b) Six Sigma
    - (c) PMIS.