

Roll No. 

Total No. of Pages : 01

Total No. of Questions : 08

**M.Tech.(IT) (Sem.-2)**  
**SOFTWARE PROJECT MANAGEMENT**  
**Subject Code : IT-508**  
**Paper ID : [E0699]**

Time : 3 Hrs.

Max. Marks : 100

**INSTRUCTION TO CANDIDATES :**

1. Attempt any FIVE questions out of EIGHT questions.
2. Each question carries TWENTY marks.

- Q1. You are an engineer involved in the development of a financial system. During installation, you discover that this system will make a significant number of people redundant. The people in the environment deny you access to essential information to complete the system installation. To what extent should you, as a systems engineer, become involved in this? Is it your professional responsibility to complete the installation as contracted? Should you simply abandon the work until the procuring organization has sorted out the problem?
- Q2. Write short note on :
- a) PERT.
  - b) CPM.
  - c) Team Organization.
  - d) Team Communication.
- Q3. a) Name the process assets in your organization. Why are they considered assets? Explain.  
b) You are the only Project Manager in a new software application tool company. This is your first product. How does project selection management work for you? Explain.
- Q4. a) Explain the steps required to build a Work Breakdown Structure.  
b) Discuss the impact of Reuse on the software size.
- Q5. Describe five software application areas in which software safety and hazard analysis would be a major concern. Also, discuss how each can be tackled?
- Q6. a) What factors need to be considered to organize any software team? How to assign the right task to the right person?  
b) What do you mean by critical path analysis? Explain with the help of suitable example.
- Q7. a) What are the various types of contracts? Discuss various stages in contract placement. Explain contract management with the help of examples.  
b) Discuss various effects of schedule compression.
- Q8. a) Give the difference between product-oriented deliverables and project-oriented deliverables.  
b) Discuss the importance of ethics in a project.