Roll No. .....

MCA (8-9)/D-14 10418

SOFTWARE PROJECT MANAGEMENT

Paper—MCA-505

Time Allowed : 3 Hours] [Maximum Marks : 80

Note : Attempt five questions in all, selecting at least one question from each Unit. Q. No. 1 is Compulsory.

Compulsory Question

1. (a) What are the common Software myths? Discuss.
   (b) Discuss using examples the types of projects for which Sliding Windows Planning is especially suitable.
   (c) What is activity responsibility matrix? Discuss.
   (d) Explain the role of escalations in project tracking.
   (e)Explain Why adding more manpower to an already late project makes it later.
   (f) "Unreasonable" deadlines are a fact of life in the Software business. How would you proceed if you are faced with one'?
   (g) Discuss different Ways through which tracking of schedule can be established.
   (h) Can a program be correct and still not exhibit good quality? Explain. 8><3=24

UNIT-I

2. What is a Software process? Discuss various Incremental Process Models along with their merits and demerits. 14

3. (a) Discuss the concurrent development process model. 7
   (b) Explain the characteristics of Software. 7

UNIT—II

4. (a) When does the Project planning activity start and end in a Software life cycle? List the Important activities Software Project Managers perform during project planning. 7
   (b) What is Critical path? Explain the process to find a critical path. 7

5. (a) Define the project tracking mechanism. 7
   (b) How do you estimate the duration of an activity in Project schedule planning? 7

UNIT-III

6. Discuss the following :
   (a) Metrics for Software quality 7
   (b) COCOMO Model. 7
7. What are the important types of risks that a Project might suffer from? How would you Identify the risks that a project is susceptible to during the project planning stage? 14

UNIT-IV

8. (a) What is Project scheduling? Explain basic principles of Software Project scheduling. 7
   (b) How do you define a task set for the Software Project? 7
9. (a) What is Software quality assurance? Discuss background issues and various activities of SQA. 7
   (b) Discuss the formal technical reviews for Software quality control activity. 7