

Roll No.

Total Pages:
10468

MCA/D-12
SOFTWARE PROJECT MANAGEMENT
Paper-MCA-505(V)

Time allowed: 3 hours

Maximum marks: 80

Note: Attempt five questions in all. Question no. 1 is compulsory. In addition to compulsory Question, Attempt four more questions selecting one question from each unit.
All questions carry equal marks.

Compulsory Question

1. (a) What are the major output in a development project that follows water fall model?
(b) List the factor affecting the cost of software.
(c) “Adding people to a late software project can make it letter.” Comment.
(d) What is software crisis? List the factor responsible for software crisis.
(e) What are the quality aspects to be considered to design good quality software?
(f) What are the various software project time estimation tools?
(g) What is software Configuration item (SCI)?
(h) Write a short note on RAD model.

Unit-I

2. Explain the Boehm’s spiral model of software development. For what type of projects This can be a preferred model? Explain.
3. What are the major activities carried out in Software project management? Explain.

Unit-II

4. What do you understand by PERT? What is critical path? Using an example explain The procedure to identify a critical path.
5. What do you understand by Project tracking? Write a detailed note on the use of Different tools in project tracking.

Unit-III

6. (a) What are the factor affecting the cost of software? Explain.
(b) What is the difference between basic, intermediate and advanced COCOMO? Explain
7. What do you understand by risk? What are the activities that must be accomplished for risk? Management? What are the Characteristics of a good software risk management approach? Explain

Unit-IV

8. What do you understand by software quality? What is the Statistical quality assurance? Explain
9. What do you understand by Software configuration management? Discuss in brief the different Activities carried out in software configuration management.