MCA/M08
Software Project Management
Paper MCA -404/405
Option (VI)

Time : 3 Hours   MM:50
Note:- Attempt any Five questions in all. Selecting at least One question from each unit
            I, II and III.

UNIT-I
1(a)   Explain the evolution of software economics and improving software economics.
 (b)   Explain the various techniques to reduce the software product size.

 2   Write short notes on the following:-
         (a)   Automation through software environment
         (b)   Effectiveness of Team-Work
3 (a)   Explain the principles of modern software management. Consider a suitable
            representative system to support your answer.
 (b)   What is software process? How can software process be improved? Expalin.

UNIT-II
4   Explain the role importance of software management processes in the following
            software life-cycle phase-inception, elaboration, construction and training.
5(a)   Explain the model-band software architecture with the help of suitable example.
 (b)   Explain the various check points of the software process.

     6   What so you mean by the Artifacts of the process? Explain the following in
                brief:-
                (a)   Artifact Sets
                (b)   Management Artifacts
                (c)   Engineering Artifacts
                (d)   Pragmatics Artifacts

UNIT-III

7(a)   Explain the importance of software project planning. What so you mean by
            iterative Process Planning? Explain.
 (b)   Explain the project organizations and their responsibilities.

8(a)   What are the various methods for the estimation of various resources? How does
            this help in project planning? Explain.
 (b)   What do you mean by software life-cycle expection? Explain
9   Write short notes on the following:-
         (a)   Software Project Management Indicators
         (b)   Process Discriminates

10(a)   Explain the project progress control and process instruction
     (c)   What do you mean by process automation? How automation through
               software environment can be involved? Explain.