BT–7/D-23 **47280**

SOFTWARE PROJECT MANAGEMENT

Paper–PE–IT–D409A

Time Allowed : 3 Hours] [Maximum Marks : 75

Note : Attempt **five** questions in all, selecting at least **one** question from each Unit. All questions carry equal marks.

UNIT–I

1. Discuss various methods to improve Software economics. 15

2. Discuss various principles of Modern Software Management and usage of these principles in Software Project Management. 15

UNIT–II

3. (a) Explain various phases involved in lifecycle of software management process. 7

   (b) Write short notes on the following : 2×4=8

   (i) Pragmatic artifact. (ii) Artifact sets.

4. Explain Model based Software Architecture in detail. 15

UNIT–III

5. Write short notes on the following :   2×7½=15

    (a) Iterative process planning.

    (b) Management indicators.

6. Differentiate Project control and Process instrumentation core metrics. Discuss the role of these metrics in Software Project Management.   15

UNIT–IV

7. Explain the framework for Project Management and Control in detail.   15

8. (a) Discuss baselines of Software Configuration Management. List different activities involved in SCM.   8

    (b) Define Contract management. Discuss the significance of contract management in Software Project Management.   7