

Roll No. ....

Total Pages : 2

**8904**

**BT-7/D09**

**SOFTWARE PROJECT MANAGEMENT**

Paper : CSE-441

Opt. (i)

Time : Three Hours]

[Maximum Marks : 75

Note : Attempt any *five* questions.

1. (a) Explain Waterfall model as the source of the conventional software process. What are the necessary improvements for this approach to work ? 8
- (b) What are the various parameters that need to be considered during estimation of cost for any software before its development ? 7
2. (a) Explain the principles of modern software management and suggest how these principles help us to manage the software development. 8
- (b) What are the various levels of process ? How we can improve software process ? 7
3. (a) Explain software process phases and also highlight the evaluation the criteria for each phase. 8
- (b) Explain the various check-points of the software process. 7
4. Consider a suitable software to be developed and suggest various artifact sets that need to be produced related to it. 15

5. (a) Explain the work flow of an iteration. 7
- (b) Discuss the constituents of model-based software architecture. 8
6. Write short notes on the following :
  - (a) Project control. 8
  - (b) Iterative project planning. 7
7. (a) How we can improve automation through software environments ? 8
- (b) Write a short note on process instrumentation core metrics. 7
8. Explain the following :
  - (a) Process automation. 8
  - (b) Management indicators. 7