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Code No: A4004
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
M.Tech I Semester Examinations, March/April-2011
SOFTWARE PROJECT MANAGEMENT
(INFORMATION TECHNOLOGY)

Time: 3hours   **Max. Marks: 60**

Answer any five questions
All questions carry equal marks
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1.a)   What is meant by software economics? State and explain the five basic parameters on which most of the software cost models are abstracted.
  b)   Discuss the water fall model in theory and in practice.   [12]

2.   State the various trends in improving software economics and explain them in detail.   [12]

3.a)   What are the top five principles of a modern process? Explain them in detail.
  b)   Discuss the primary objectives, essential activities and primary evaluation criteria of the Inception phase.   [12]

4.a)   What is meant by software artifacts? With a neat diagram explain about Life-cycle evolution of the artifact sets.
  b)   Discuss briefly about pragmatic artifacts.   [12]

5.a)   Discuss about software process work flows.
  b)   What is the need of check points for a process? Discuss a typical sequence of Life-cycle check points.   [12]

6.a)   With a neat diagram explain the default project organization and responsibilities.
  b)   What is meant by software change? Explain the primitive components of a software change order.   [12]

7.a)   Discuss about pragmatic software metrics.
  b)   What are the two primary dimensions of process variability? Explain them in detail.   [12]

8.   Write short notes on the following:
      a) Software reuse
      b) Improving Team effectiveness
      c) CCPDS-R.   [12]

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