Code No: **R42121**   **R10**   **Set No. 1**

IV B.Tech II Semester Supplementary Examinations, April - 2018
SOFTWARE PROJECT MANAGEMENT
(Information Technology)

Time: 3 hours   **Max. Marks: 75**

Answer any FIVE Questions
All Questions carry equal marks
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1 a) Explain three generations of software economics leading to target objective with a neat diagram. [7]
   b) Describe Industrial software metrics top TEN list. [8]

2 a) Write and explain principles of modern software management. [8]
   b) Explain about improving team effectiveness. [7]

3 a) Describe primary objectives and essential activities of the following:
       i)   Elaboration phase
       ii) Transition phase [8]
   b) Discuss about implementation and deployment sets. [7]

4 a) Explain about model-based architecture in a technical perspective. [8]
   b) Describe the artifacts and life-cycle emphases associated with each workflow. [7]

5 a) Explain the following:
       i)   Minor milestones
       ii) Periodic status assessments [8]
   b) Write and explain about default work breakdown structures. [7]

6 a) Explain the following:
       i)   Software assessment team
       ii) Software management team [8]
   b) Explain in detail bout change management in detail. [7]

7 a) Describe the following discriminants:
       i)   Scale
       ii) Domain experience [8]
   b) Discuss about life-cycle expectations in detail. [7]

8   Explain the following:
      a) Software management best practices
      b) Modern software economics
      c) Culture shifts [15]