Code No: **R4105B**   **R10**   Set No. 1

IV B.Tech I Semester Supplementary Examinations, March/April-2016
SOFTWARE PROJECT MANAGEMENT
(Computer Science and Engineering)

Time: 3 hours   Max. Marks: 75

Answer any FIVE Questions
All Questions carry equal marks
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1 a) Explain about the Waterfall model in practice.   [8]

   b) Explain in detail about the three generations of software economics.   [7]

2 a) What are the key practices that improve overall software quality?   [8]

   b) With an example, explain how object-oriented technology permits
       corresponding improvements in teamwork and interpersonal communications.   [7]

3 a) Explain Inception and Construction phases.   [8]

   b) Give an overview of the artifact sets that make the development of a complete
       software system manageable.   [7]

4   Discuss in detail about workflows of the software process.   [15]

5 a) Write about results of major milestones in a modern process.   [8]

   b) What are the four component teams in a default line-of-business organization
       and their responsibilities?   [7]

6 a) What are the activities of software management team?   [8]

   b) What are the four component teams in a default line-of-business organization
       and their responsibilities?   [7]

7 a) Define MTBF and maturity. Draw a graph for maturity expectation over a
       healthy project's life cycle.   [8]

   b) Explain process discriminators that results from differences in project size.   [7]

8 a) Write about the Top10 software management principles.   [8]

   b) Explain the culture shifts of modern process transition.   [7]