

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]