

Code No: **R4105B**

R10

Set No. 1

IV B.Tech I Semester Supplementary Examinations, November - 2016

SOFTWARE PROJECT MANAGEMENT

(Computer Science and Engineering)

Time: 3 hours

Max. Marks: 75

**Answer any FIVE Questions
All Questions carry equal marks**

- 1 a) Discuss the conventional software management performance. [8]
b) How do you define Software Economics? Explain modern software economics. [7]
- 2 a) Describe the various objectives used for the measurement of software size? [5]
b) State and explain the principles of conventional Software Engineering? [10]
- 3 a) What are primary objectives and essential activities of elaboration phase? [8]
b) Write engineering artifacts available at the life-cycle architecture milestone. [7]
- 4 What is a model? Explain about technical perspective of model-based architecture. [15]
- 5 a) Explain about periodic status assessment. [8]
b) Explain the typical minor milestones in the lifecycle of iteration. [7]
- 6 a) Define round-trip engineering. What is the primary reason for round-trip engineering? Explain. [8]
b) With a neat diagram, explain the software project team evolution. [7]
- 7 a) Define architectural risk. Write process discriminators that result from differences in architectural risk. [8]
b) Explain the process discrimination that result from differences in stakeholder cohesion. [7]
- 8 a) State and explain the nine best practices for software management. [8]
b) What is the crucial mechanism for promoting team work among stakeholders? Explain. [7]