

Code: IT7T5C

IV B.Tech - I Semester – Regular Examinations – October 2017

**ELEMENTS OF SOFTWARE PROJECT MANAGEMENT
(INFORMATION TECHNOLOGY)**

Duration: 3 hours

Max. Marks: 70

PART – A

Answer *all* the questions. All questions carry equal marks

11x 2 = 22 M

1. a) Discuss briefly about peer inspections in improving software economics.
- b) What is the role of software reuse in software economics?
- c) List out life cycle phases.
- d) What are the principles of modern software management?
- e) What is model based software architecture?
- f) Briefly explain about periodic status assessments.
- g) What is (LOB) Line of Business Organizations?
- h) What is change management?
- i) Write briefly about Automation Building blocks.
- j) What is architectural risk?
- k) Write short notes on seven core Metrics.

PART – B

Answer any **THREE** questions. All questions carry equal marks. 16 x 3 = 48 M

2. a) Explain about pragmatic software cost estimation. 8 M
b) Explain how software economics can be improved? 8 M
3. What are the principles of modern software management? 16 M
4. a) Write about Major and Minor mile stones in checkpoints of the process. 8 M
b) Write about iteration workflows. 8 M
5. a) Discuss conventional Work Break Down structures and issues. 7 M
b) Write about iterative planning process and pragmatic planning. 9 M
6. a) Write about next generation cost models and Modern software economics. 11 M
b) Briefly explain about metrics automation & process discriminates. 5 M