

Code: IT7T5C

**IV B.Tech - I Semester – Regular/Supplementary Examinations  
October - 2018**

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

Duration: 3 hours

Max. Marks: 70

**PART – A**

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

11 x 2 = 22 M

1.

- a) What is software project management?
- b) What are disadvantages of Water Fall Model?
- c) What are parameters related to Software Cost estimation?
- d) Explain the term periodic status assessment.
- e) What are the essential activities in construction and transition phases?
- f) What are various test artifacts?
- g) Write short note on workflows of process.
- h) Define cost variance and schedule variance.
- i) What are the advantages of Stakeholder Environments?
- j) What do you mean by indicators?
- k) Write a short note on process maturity.

## PART – B

Answer any **THREE** questions. All questions carry equal marks.

3 x 16 = 48 M

2. a) Explain how to reduce software product size? 8 M
- b) Explain briefly the basic parameters of Software Economics. 8 M
3. a) What are the principles of modern software management? 8 M
- b) Discuss briefly about Process Artifacts. 8 M
4. a) What is a model? Explain about the management perspective of model-based architecture. 8 M
- b) What is a workflow? Explain about software process workflow. 8 M
5. a) What are the main features of the default organization of line-of-business organizations? 8 M
- b) Discuss about change management in detail. 8 M
6. a) Discuss seven core metrics in detail. 8 M
- b) What do you know about Quality indicators. 8 M