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B. Tech 8th Semester (Elect. & Comp. Engg.) Examination – May, 2018

SOFTWARE PROJECT MANAGEMENT

Paper : CSE-403-F

Time : Three Hours]

[Maximum Marks : 100

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Question No. 1 is compulsory. Attempt five questions in total selecting one question from each Unit.

1. Explain the following : 4 x 5 = 20
- (a) Activities involved in management
 - (b) Payback period
 - (c) Precedence networks
 - (d) Brainstorming
 - (e) Contract

SECTION – A

2. (a) Define software project management process. How software project management process is different from other kinds of project management systems ? 12
- (b) How software projects are categorized ? 8
3. Explain the requirement specification and management control in software project management. 20

SECTION – B

4. Describe spiral model for software development with its pros and cons. 20
5. Explain the risk management process in detail. 20

SECTION – C

6. Explain the following : 20
- (a) Explain different types of contract
 - (b) Earned value analysis
 - (c) Prioritizing monitoring

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7. Explain project control cycle and its whole framework.

20

SECTION – D

8. Explain the following : 20

(a) process assessment framework

(b) ISO 9126

9. Explain the following : 20

(a) product vs process

(b) Software quality management