

FACULTY OF ENGINEERING

B.E. 3/4 (CSE) I-Semester (New)(Main) Examination, November / December 2012

Subject : Software Engineering**Time : 3 Hours****Max. Marks: 75****Note: Answer all questions of Part - A and answer any five questions from Part-B.****PART – A (25 Marks)**

1. Give a representation for process framework. (3)
2. What is an agile process? (2)
3. List the various considerations in project personnel state of planning and managing the project. (3)
4. What is Quality Function Deployment (QFD)? (2)
5. List the elements of a class diagram. (3)
6. What do you understand by the term 'design quality'? (2)
7. What is software architecture? (2)
8. List the golden rules of user interface design. (3)
9. What is software testing? (3)
10. List the metrics for source code. (2)

PART – B (5x10=50 Marks)

- 11.(a) What are prescriptive process models? (2)
(b) Discuss the traditional waterfall model in detail. (8)
12. List the tasks involved in Requirement Engineering. Explain about each task in short. (10)
13. Discuss the various analysis modeling approaches in detail. (10)
14. Explain the various software architectural styles in detail. (10)
15. Write short notes on :
(a) Black Box Testing (5)
(b) Write (Glass) Box Testing (5)
16. Explain the following: (10)
(a) Capability Maturity Model (CMM)
(b) Framework elements of product metrics
17. Write short notes on :
(a) XP (Extreme Programming) Agile process model (4)
(b) Elicitation (3)
(c) Debugging (3)
