

JAYA GROUP OF INSTITUTIONS
THIRUNINRAVUR 602024

4th Semester – B.E
Model Exam –III

CSE / 25

Sub. Title : SOFTWARE ENGINEERING
Sub. Code : CS6403
Duration : 3Hrs

Date : 08.04.15
Branch : CSE
Max. Marks: 100

Answer all questions
Part A - (10 x 2 = 20)

1. Define Software Engineering.
2. 'Software doesn't wear out'. Justify.
3. Define functional and non-functional requirements?
4. Define Data objects, attributes and relationships?
5. Distinguish Fan in and Fan out
6. List two Principles of good design.
7. Define Alpha & Beta Testing.
8. Define Regression Testing.
9. Define EVA.
10. Define Defect Removal Efficiency.

Part B (5*16=80)

11. (a) i) Explain in detail about prototype model, spiral model, incremental model, waterfall model.
OR
(b) i) Explain in detail about cocomo model. (16)
12. (a) i) Explain in detail about Requirement Engineering Process. (16)
OR
(b) i) Explain software Document. (8)
ii) Write short notes on data Dictionary. (8)
13. (a) i) Explain in detail about User Interface Design. (16)
OR
(b) i) Explain the Architectural Styles used in architectural design. (10)
ii) Discuss the Design Heuristics. (6)
14. (a) i) Explain in detail about Black Box Testing. (16)
OR
(b) i) Write short notes on System Testing. (8)
ii) Write short notes on Integration Testing. (8)
15. (a) i) Explain in detail about Risk Management. (16)
OR
(b) i) Explain in detail about Project Scheduling. (16)