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JAYA GROUP OF INSTITUTIONS – THIRUNINRAVUR
4th SEM – B.E.
INTERNAL ASSESSMENT – 1 (MODEL EXAMINATION – 1)

Sub. Name : Software Engineering	Date : 31.01.15
Sub. Code : CS6403	Branch : CSE
Duration : 180 Minutes	Max. Marks : 100

Part A – (10 X 2 = 20) Answer all Questions;

1. Mention the characteristics of software.
2. What are the advantages of incremental model?
3. What are the different phases in spiral model?
4. Define EVA.
5. Mention the different types of risk management process?
6. What are user requirements?
7. What are system requirements?
8. Mention some of the software documents
9. What does data dictionary contains?
10. Distinguish between expected requirements and exciting requirements.

Part B – (5 X 16 = 80) Answer the Questions as per the CHOICE;

11. a. Explain any two perspective process models in detail. (16)
(or)
b. i) Explain Software Process Framework in detail. (8)
ii) Explain the specialized process model in detail. (8)
12. a. Discuss Software Project Estimation Techniques in detail. Give suitable examples. (16)
(or)
b. Explain the risk management process briefly. (16)
13. a. Write short notes on
i) Scheduling (8)
ii) Earned value analysis.(8)
(or)
b. Explain the functional and non – functional requirements in detail.(16)
14. a. Explain the requirement engineering process in detail. (16)
(or)
b. i) Explain the semiformal method –structured system analysis in detail. (8)
ii) Explain the semiformal method – Entity Relationship Modeling in detail. (8)
15. a. Explain Perti Nets with a case study in detail. (16)
(or)
b. i) Write short notes on Data Dictionary. (8)
ii) Write short notes on Software Requirement Document.(8)