

Code No: R22051

R10**SET - 1****II B. Tech II Semester Supplementary Examinations, April/May-2017****SOFTWARE ENGINEERING**

(Computer Science and Engineering)

Time: 3 hours

Max. Marks: 75

Answer any **FIVE** Questions
All Questions carry **Equal** Marks
~~~~~

1. a) What is software and what are the characteristics of software? Discuss. (8M)  
b) Explain about the manager, customer and practitioner's myths. (7M)
2. Explain about various process models with neat diagrams. (15M)
3. a) What is feasibility study? Explain about Requirements elicitation. (8M)  
b) Discuss about context models. (7M)
4. a) What are the characteristics for good design? Discuss. (8M)  
b) What criteria can be used to partition software into individual components? Explain. (7M)
5. a) What are the golden rules for interface design? Explain each of them. (8M)  
b) Write short notes on design evolution. (7M)
6. a) Differentiate between Black-Box testing and White-Box testing. (8M)  
b) What is meant by Software Quality? Discuss about the Metrics for Analysis Model. (7M)
7. a) Define software risk? Differentiate between reactive and proactive risks. (8M)  
b) What is software risk, RMMM and RMMM Plan? (7M)
8. a) Explain the terms Quality, quality control, quality assurance and cost of quality. (8M)  
b) What are the SQA activities? Explain. (7M)