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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
B. Tech III Year I Semester Examinations, February - 2022
SOFTWARE ENGINEERING
(Common to CSE, IT, ITE)

Time: 3 hours   Max. Marks: 75

Answer any five questions
All questions carry equal marks
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1.a)   Describe the various software myths.
  b)   Explain the overview of unified process model.   [7+8]

2.a)   Explain in detail about evolutionary process model.
  b)   What are the advantages of layered technology?   [8+7]

3.a)   Describe the structure of Software Requirements document.
  b)   Briefly explain about Context models.   [7+8]

4.a)   Explain the differences between functional requirements and non-functional
        requirements.
  b)   Briefly explain about structured methods.   [7+8]

5.a)   Briefly explain about interface analysis and interface design steps.
  b)   Write a short note on class diagrams.   [8+7]

6.a)   Write a short note on component diagrams.
  b)   Explain the process of creating models and the factors that should be considered when
        building models.   [7+8]

7.a)   What are the metrics for Analysis Model? Explain.
  b)   Write a short note on system testing.   [8+7]

8.a)   Describe about formal technical reviews.
  b)   Explain the methods for Risk Identification.   [7+8]

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