



St. Michael Polytechnic College



St. Santhiyagappar Nagar

Kalayarkoil-630 551.

DEPT: COMPUTER SCIENCE ENGG

YEAR/SEMESTER: III / V

SUB.NAME: SOFTWARE ENGINEERING

Each question carries 1(one) mark in PART-A and 12(twelve) marks in PART-B

UNIT-I

PART-A

1. Define Software.
2. Define Software Engineering
3. List any two software characteristics
4. What is meant by SRS
5. Define the Term:DFD
6. Define the term Data Dictionary
7. What is the need for ER Diagram
8. Write a component in spiral model
9. What are the requirement gathering tools?
10. What are the types of Requirements?

PART-B

(marks)

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| 1. Explain the Software Development Life Cycle. | 12 |
| 2. Explain briefly about software characteristics. | 12 |
| 3. Explain about the Software Requirement Specification. | 12 |
| 4. What is Data Dictionary?Explain briefly. | 08 |
| 5. Explain about Software Development Lifecycle Models. | 12 |
| 6. Explain about ER Diagram. | 08 |