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| E.G.S-Pillay-Engineering-College-Logo.jpg | **https://www.anexia-it.com/fileadmin/_processed_/csm_iso-9001-logo_01_1f19c84ee4.pngE.G.S. PILLAY ENGINEERING COLLEGE**Approved by AICTE, New Delhi | Affiliated to Anna University, ChennaiAccredited by NAAC with ‘A’ Grade | An ISO 9001 : 2008 Certified Institution**NAGAPATTINAM – 611002 TAMIL NADU INDIA**Ph : 04365-251112 / 251114 | E-mail:enquires@egspec.org | Website : www.egspec.org |  |

UNIT TEST-1

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| Semester Branch & Sec | : III : MCA | Date Session | : 19.07.2016: FN |
| Subject title | : Software Engineering | Subject Code | : MC7303 |
| Max. Marks | : 50 marks | Max. Time | : 100 Mins |

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| --- | --- | --- | --- | --- |
| Q.No | PART-A (ANSWER ALL THE QUESTIONS) (5X2=10 Marks) | M | CO | BL |
| 1 | Define software engineering paradigm? | 2 | 1 | K |
| 2 | Give the difference between “known risks” and “predictable risks”.  | 2 | 1 | A |
| 3 | What is the difference between system engineering and software engineering? | 2 | 1 | A |
| 4 | Write advantages of Prototyping. | 2 | 1 | K |
| 5 | How does Personal Software Process differ from Team Software Process? | 2 | 1 | A |

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| Q.No | PART-B (ANSWER ANY FOUR QUESTIONS)(4X10=40 Marks) | M | CO | BL |
| 6. | Explain linear life cycle model in detail.Give the advantages and disadvantages of the same. | 10 | 1 | K |
|  |  |  |  |  |
| 7. | Explain in detail the spiral model with a neta sketch and discuss its merits and demerits.. | 10 | 1 | K |
| 8. | Describe about software engineering paradigm with neat diagram..  | 10 | 2 | U |
|  |  |  |  |  |
| 9. | How software risks are assessed?Explain strategies for their containment. | 10 | 1 | K |
| 10. | Discuss in detail about Project Scheduling with task set. | 10 | 2 | U |
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CO1: Understand the problem domain for developing SRS and various models of software engineering

CO2: Model software projects into high level design using DFD,UML diagrams

CO3: Measure the product and process performance using various metrics

CO4: Evaluate the system with various testing techniques and strategies

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