**JSS Polytechnic for Women, Mysore-6**

**Dept. of *Computer science and Engineering***

**I.A. Test Question Paper (CIE)**

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| --- | --- | --- | --- | --- | --- | --- |
| **Course Name** | | **Software Engineering**  **principles and practices** | **Test** | **I** | **Sem** | **IV** |
| **Course Code** | | **20CS44P** | **Duration** | **80 Min** | **Marks** | **30** |
| **Note: Answer any one full question from each section. Each full question carries 10 marks.** | | | | | | |
| **Section** | **Assessment Questions** | | | **Cognitive**  **Levels** | **Course**  **Outcome** | **Marks** |
| **I** | 1. a. Define Software Engineering.   b. What are the needs for Software Engineering.  c. what are the that affect/ challenges that affect Software  Engineering.   1. What are the characteristics of good Software. | | | R  U | 1 | 2  4  4  10 |
| **II** | 1. Explain waterfall model with a neat diagram.   Explain Incremental with a neat diagram.   1. What are the best practices of agile manifesto.   What are the need and importance of risk mitigation. | | | A  U | 1,2 | 5 +5=10  5+5=10 |
| **III** | 1. a. Explain the risk management activities.   b. Explain the risk management framework .   1. a. Explain different stages of design thinking.   B. Explain the process of design thinking with an example. | | | A  A | 1,2 | 5 +5=10  5+5=10 |

**Signature of the Staff Signature of the HOD**

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