Reg. No. \_\_\_\_\_\_\_\_\_\_\_\_\_



**End Semester Examination – Nov / Dec – 2019**

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|  |  |  |  |
| **Code :** | **17CA2009** | **Duration :** | **3hrs** |
| **Sub. Name :** | **ESSENTIALS OF SOFTWARE ENGINEERING** | **Max. Marks :** | **100** |

**ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. |  | Discuss the different specialized process models for the library management system. | CO1 | 20 |
| **(OR)** | | | | |
| 2. | a. | Write in detail the requirements elucitation. | CO1 | 10 |
| b. | Paraphrase agility and explain any three agile model. | CO1 | 10 |
|  |  |  |  |  |
| 3. |  | Summarize about the following design concept in detail.  i) Pattern  ii) Modularity  iii) Separation of concern.  iv) Data abstraction | CO2 | 20 |
| **(OR)** | | | | |
| 4. |  | Write the Architectural level design in detail. | CO2 | 20 |
|  |  |  |  |  |
| 5. |  | Describe the various User Interface design concepts used for life insurance system. | CO5 | 20 |
| **(OR)** | | | | |
| 6. |  | Elaborate the informal and formal review techniques in detail. | CO2 | 20 |
|  |  |  |  |  |
| 7. |  | Demonstrate the various testing strategies used for conventional software. | CO4 | 20 |
| **(OR)** | | | | |
| 8. |  | Articulate on project planning. | CO4 | 20 |
|  | | **Compulsory**: |  |  |
| 9. | a. | List out the basic principles of project scheduling. | CO6 | 5 |
| b. | Discuss on PERT / CPM. | CO6 | 10 |
| c. | Elaborate the various types of project. | CO3 | 5 |