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



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

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| **Code:** | **17CS3067** | **Duration :** | **3hrs** |
| **Sub.Name:** | **SOFTWARE PROJECT MANAGEMENT** | **Max. Marks :** | **100** |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. | a. | Explain how Pragmatic Software Cost estimation being measured with detailed study. | CO1 | 15 |
| b. | Write the functions of five parameters in software cost models of software economics. | CO1 | 5 |
| (OR) | | | | |
| 2. | a. | Write the most significant ways in reducing software product size in the areas of Software Languages, Object oriented methods and in Software Reuse. | CO1 | 5 |
| b. | Describe the Waterfall model as a source of conventional software process and how most of the industry practiced this approach in a large scale system. | CO5 | 15 |
|  |  |  |  |  |
| 3. | a. | Describe important aspects on   1. Conventional Work breakdown structures. 2. Evolutionary Work breakdown Structures. | CO2 | 15 |
| b. | Describe the software process workflows on   1. Round trip Engineering. 2. Demonstration-based approach. | CO2 | 5 |
| (OR) | | | | |
| 4. | a. | Discuss the Engineering stage and Production stages of Life cycle also summarize the differences in emphasis between these two stages. | CO2 | 10 |
| b. | Write few good heuristics for describing objectively on architecture baselines. | CO2 | 10 |
|  |  |  |  |  |
| 5. |  | |  | | --- | | Explain the Iteration workflow with the sequential set of activities in the development life cycle. | | CO3 | 20 |
| (OR) | | | | |
| 6. | a. | Explain how periodic status assessments give continuous attention to all interacting activities of a software development effort. | CO4 | 5 |
|  | b. | Write the life cycle objectives and architecture of Major milestones. | CO5 | 15 |
| 7. | a. | Sketch the evolution of project organizations with different set of activities in it. | CO5 | 8 |
| b | Discuss Software Architecture Team and Software development team of project life cycle. | CO4 | 12 |
| (OR) | | | | |
| 8. |  | Explain the iteration Planning process of work breakdown structures with milestone scheduling. | CO5 | 20 |
|  | | **Compulsory**: |  |  |
| 9. |  | Explain how different methods of quality indicators change across evolving baselines of engineering data. | CO6 | 20 |