

Code No: MC1341/R13**MCA IV Semester Supplementary Examinations, April -2019****SOFTWARE ENGINEERING****Time: 3 Hours****Max. Marks: 60**

*Answer Any FIVE Questions
All Questions Carry Equal Marks*

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| 1. a | Explain management myths and practitioner myths in detail. | 6M |
| b | What are the main differences between a student software and industrial strength software? | 6M |
| 2. a | Discuss about unified process model. | 6M |
| b | Describe project management process and explain the temporal relationship between development and management process. | 6M |
| 3. a | What are some of the project management tasks that you will do differently for a large project as compared to small project. | 6M |
| b | What measures will you take in a project to measure the productivity and how will you determine the productivity from these measures. | 6M |
| 4. a | What is SRS? Discuss characteristics & components of SRS. Write the structure of SRS. | 6M |
| b | Define risk? How you prioritize risks. Explain risks mitigation, monitoring and management. | 6M |
| 5. a | What is architecture? Discuss different architectural views with suitable example. | 6M |
| b | How will you measure the information flow complexity of full design specified as a structure chart? | 6M |
| 6. a | Explain requirement process in detail. | 6M |
| b | Explain metrics for object oriented design. | 6M |
| 7. a | Explain what are the advantages and disadvantages of inspections and walkthroughs. | 6M |
| b | Differentiate between white box testing and black box testing. | 6M |
| 8. | Write a short note on | 12M |
| i) | Prototype model. | |
| ii) | COCOMO. | |
| iii) | State based testing. | |
