

Total No. of Questions : 8]

[Total No. of Printed Pages : 2

Roll No .....

## MCADD-505

### M.C.A. (Integrated), V Semester

Examination, May 2022

### Software Engineering

Time : Three Hours

Maximum Marks : 70

- Note:** i) Attempt any five questions.  
ii) All questions carry equal marks.

1. a) Write the Difference between Process iteration and Process activities. 7  
b) Explain any two Software Process Models with suitable example. 7
2. a) How to develop software for ATM with the help of Water Fall model and write the advantages and disadvantages of Water Fall model. 7  
b) Explain Software risk analysis and management. 7
3. a) Describe the types of dependencies that can exist in a Software Metrics and Measures. 7  
b) Explain in detail about Constructive Cost Model. 7
4. a) What elements of a user interface design can be evaluated without building a working computer prototype? 7  
b) Explain, under what circumstances should requirements elicitation and analysis is utilized? 7

MCADD-505

PTO

[2]

5. a) What do you understand by Critical Systems Specification? Explain Risk-driven specification. 8  
b) Explain Project scheduling and Tracking with suitable example. 6
6. a) Which UML diagrams are useful in scenario-based modeling? 7  
b) Explain User requirements, System requirements and Interface specification. 7
7. a) Discuss how poor management decisions can impact software quality? 7  
b) Give the difference Between System testing and Component testing. 7
8. a) Write short notes on any two. 8  
i) Test case design  
ii) Test Automation  
iii) Quality planning  
iv) Quality control  
b) What are three dimensions of software quality? 6

\*\*\*\*\*