TE Sem VI (C Scheme R-2019)   Dec'2023

15/12/2023   " AI & DS "

Time: 3 Hrs   **Marks: 80**

Note: 1. Q.1 Compulsory
2. Solve any 3 question from remaining five questions

Q1. Each sub-question carries 05 marks.

a) Define software engineering and explain umbrella activities	5 M
b) Explain the 4'PS of project Management	5 M
c) Explain functional and non-functional requirements	5 M
d) Explain the Agile process model	5 M

Q2 a) Elaborate COCOMO model for Cost estimation	10 M
b) Illustrate the SCM process of Software quality management.	10 M

Q3. a) Describe the waterfall model and incremental process model	10 M
b) What is Risk management? Discuss RMMM plan for risk management	10 M

Q4.a) What are the different phases in project life cycle explain with suitable example	10M
b) Explain the user interface design in details with example	10M

Q5. a) Develop the SRS of Hospital Management system	10M
b) Describe the details of FTR and Walkthrough	10M

Q6. a) Explain project scheduling and describe CPM and PERT	10 M
b) Differentiate between white box and black box testing	10 M

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