SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)
(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai — 600 044.
B.Sc.(CS) - END SEMESTER EXAMINATIONS APRIL-2023
SEMESTER - VI
20UCSET6D02 - Software Engineering and Testing

Total Duration : 2 Hrs 30 Mins.   Total Marks : 60

Section B

Answer any **SIX** questions $(6 \times 5 = 30$ Marks$)$

1. Illustrate various levels of CMMI.

2. Outline the role of UML in software development.

3. Classify different goal of product engineering.

4. Explain the procedure to collect negotiating requirement.

5. Why do we need data refinement?

6. Describe scenario based modelling with example.

7. Interpret the steps to design conventional components.

8. Evaluate control structure testing with example.

Section C

Answer any **THREE** questions $(3 \times 10 = 30$ Marks$)$

9. Analyse waterfall model and its characteristics with diagram.

10. Classify various process of requirement elicitation.

11. Illustrate flow oriented modelling and class based modelling with example.

12. Summarize the golden rules of user interface design.

13. Criticize system testing and its types.

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