



PRN:

## Term End Examination

Dec 2023

### CET4002B - Software Design Modelling and Testing

Question Paper ID: 028925

<b>Faculty/School</b>	Engineering and Technology	<b>Term</b>	Sem-V
<b>Program</b>	TYBTech CSE	<b>Duration</b>	1 Hours 30 Minutes
<b>Specialization</b>		<b>Max. Marks</b>	40

Read the instructions provided for every question properly before attempting the answer.

**Section - 1** : contain(s) **10** question(s) and each question carries **5** mark(s). You can answer any **8** questions out of **10**.

Click **Finish** only after completion of the Exam.

#### Section - 1 (8 X 5 Marks) Answer any 8 questions

1	Illustrate the Phases of the Unified Process with the appropriate diagram	5 marks	CO1	Remembering
2	What are behavioral diagrams? Explain the types of behavioral diagrams	5 marks	CO1	Remembering
3	Explain the different building blocks of UML	5 marks	CO2	Remembering
4	Explain Aggregation and composition with a neat diagram and example.	5 marks	CO2	Remembering
5	Draw a Use case Diagram for the Online shopping system	5 marks	CO2	Remembering
6	With respect to the Activity diagram, Explain the following: a) Fork b) Join	5 marks	CO3	Remembering
7	Explain V-Test Diagram with a brief explanation?	5 marks	CO3	Remembering
8	Explain White box testing. What are the different methods of White box testing?	5 marks	CO4	Remembering
9	Illustrate the difference between Alpha testing and Beta Testing with an appropriate example.	5 marks	CO4	Remembering
10	Write a short note on Boundary Value Analysis.	5 marks	CO4	Remembering

END OF QUESTION PAPER