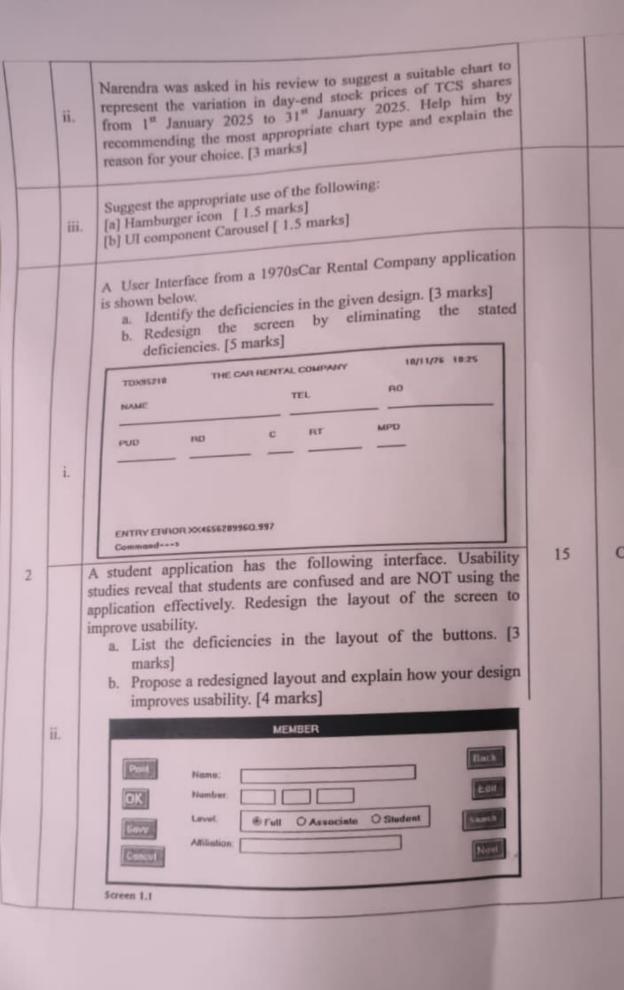
		B.Tech - All Branches	11 OCTOBER 2025		
rogramme			Semester		Fall 25-26
ourse Code		BCSE415L			1 att 23-26
Course Title	12	22	Class Number	12	C2+TC2
Ourse	П	Dr. Brindha V			
aculty	1	Dr. Sridhar R	Slot		CH2025260101471
Duration		90 Mins	May M.	-	CH2025260100553
-1 Incl	9-93	ctions	Max. Mark		50

General Instruction

- Write only your registration number on the question paper in the box provided and do not write other information
- . Only non-programmable calculator without storage is permitted

Answer all questions

Q	Sub	Description			BT
Q No	Sub Sec.	One VIT student, Narendra, is working on a project that compares the worldwide percentage usage of browsers using data collected from Wikipedia. The output of his application is shown below. Graph #1 2000 2015 Browser Opera	Marks 10	col	Level
8		During his Review-2, he was asked whether the percentage usage of Firefox had increased, but he was unable to answ confidently. Describe the problem with his choice of chart for representing the data, and recommend a more appropriate chart type that would help him answer this question clearly. [4 marks	or art		



	S.No	Letter for Action	explanatio n	Estimated time		
	1	K	Keystroke [pressing a button or	0.28 seconds		
	2	T(N)	Type a sequence of N	N*0.28 seconds		
	3	P	Point with mouse on a target on	1.1 sec		
	4	В	Press or release mouse	0.1 seconds		
	5	BB	Click mouse button twice	0.2 seconds	10	600
Ш	Ů	H	Home hands to keyboard or mouse	0.4 seconds		CO2
	You are working state. Your task folder named 'V Word (.docx) file the word '15BC file), delete it, and a. Using the provided required to b. Suggest so and calculate. What are					
y	c. What are the deficiencies of the KLM model? [3 marks] A control processor has seven options in its User Interface. If the user's response time was 2.1 seconds for the 100 th trial and 1.5 seconds for the 200 th trial, estimate the expected response time for the 500 th trial. [5 marks]					
	Life Insurance annuity options A levels of communication	Application, u	pon maturity,	provides seven offering different	15	CO2
fi.				equally, predict		

reaction time. [3 marks]

A VIT Chennai student is applying for a Master's program at NTU, Singapore. In the admission form, there is a field 'Institution of Bachelor's Degree' where the student needs to enter or select 'VIT Chennai'. Since there are thousands of engineering institutions worldwide, NTU wants to provide a learning application that stores and suggests institution names entered by students in previous years. As an employee of VIT Infosystems, suggest the most suitable interface selection option for this field and explain your reasoning. [5 marks]



iii.