

**PRAGATI ENGINEERING COLLEGE: SURAMPALEM**  
**(AUTONOMOUS)**  
**IV B.Tech II Semester Supplementary Examinations, May - 2024**  
**HUMAN COMPUTER INTERACTION**  
**(COMMON to CSE & IT)**

Time: 3 hours

Max. Marks: 70M

**Answer ONE Question from each Unit**  
**All Questions Carry Equal Marks**

Q. No.		Questions	BTL	CO	Marks
UNIT – I					
1.	a)	Explain in detail about usability goals and measures.	K2	CO1	7M
	b)	Illustrate about scenario development.	K2	CO1	7M
OR					
2.	a)	Illustrate about participatory design.	K2	CO1	7M
	b)	Explain about four pillars of design.	K2	CO1	7M
UNIT – II					
3.	a)	Explain about how people interact with computers and why they have trouble with computers.	K2	CO2	7M
	b)	Outline the important human characteristics in design.	K2	CO2	7M
OR					
4.	a)	Compare Novice Vs Experts.	K4	CO2	7M
	b)	Explain about Individual Face-to-Face Interview and Telephone Interview, Give its advantages and disadvantages.	K2	CO2	7M
UNIT – III					
5.	a)	Illustrate about how to organizing screen elements in screen designing.	K2	CO3	7M
	b)	Explain about the ways for presentation of information simply and meaningfully in screen navigation.	K2	CO3	7M
OR					
6.	a)	Outline design goals for screen designing	K2	CO3	7M
	b)	Explain about screen navigation and flow	K2	CO3	7M
UNIT – IV					
7.	a)	Illustrate about how to search Multimedia Document.	K2	CO4	7M
	b)	Explain about data type by Task Taxonomy	K2	CO4	7M
OR					
8.	a)	Explain about Searching in Textual Documents and Database Querying.	K2	CO4	7M
	b)	Identify the challenges for Information Visualization.	K3	CO4	7M
UNIT – V					
9.	a)	Explain about Software building Tools.	K2	CO5	7M
	b)	Illustrate about Keyboard and function keys	K2	CO5	7M
OR					
10.	a)	Analyze the significant of <i>interface</i> in human interaction of computers Software.	K4	CO5	7M
	b)	Explain about speech recognition and justify its importance.	K2	CO5	7M