

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE Supplementary Summer Examination – 2024 Course: B. Tech. Semester: VII Branch : Computer Engineering / Computer Science and Engineering(Artificial Intelligence) Subject Code & Name: BTAHIOE705C Human Computer Interface Max Marks: 60 Date: 10/07/2024 Duration: 3 Hr.			
Instructions to the Students: 1. All the questions are compulsory. 2. The level of question/expected answer as per OBE or the Course Outcome (CO) on which the question is based is mentioned in () in front of the question. 3. Use of non-programmable scientific calculators is allowed. 4. Assume suitable data wherever necessary and mention it clearly.			
		(Level/ CO)	Marks
Q. 1	Solve Any Two of the following.		12
A)	Define Reasoning. List its types.		6
B)	What are mental models and why are they important in interface design?		6
C)	Explain Ergonomics.		6
Q.2	Solve Any Two of the following.		12
A)	Give a model of Interaction design process.		6
B)	What are the possible ways to set measurement levels in a usability specification?		6
C)	Summarize the different implications of navigation design.		6
Q. 3	Solve Any Two of the following.		12
A)	What is the best way to improve User Experience (UX) without changing the interface?		6
B)	What is meant by Interactive Single-Page Process? Explain in detail.		6
C)	What are the advantages and disadvantages of Prototyping Model?		6
Q.4	Solve Any Two of the following.		12
A)	Discuss on the usage of colors in emergency response panels.		6
B)	Compare formative evaluation vs summative evaluation		6
C)	What are the approaches for user support.		6
Q. 5	Solve Any Two of the following.		12

A)	Explain Heuristic evaluation.		6
B)	Discuss user acceptance testing.		6
C)	What is benefit of Model based evaluation? Explain with an example		6
	*** End ***		

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