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Department of Research & Development
Mid - Term Examinations - SEPTEMBER 2024

Odd Semester: Ph.D. Course Work	Date: 27 /09/2024
Course Code: CSE5002	Time: 2:00pm – 3:30pm
Course Name: Human Computer Interaction	Max Marks: 50
Department: CSE	Weightage: 25%

Instructions:

- (i) Read all questions carefully and answer accordingly.
- (ii) Do not write anything on the question paper other than roll number.

Part A

Answer ALL the Questions. Each question carries 5 marks.		4Qx5M=20M
1	Explain the key factors that contribute to the importance of good design in HCI.	5 Marks
2	What are cognitive frameworks in HCI, and why are they important for understanding user interaction?	5 Marks
3	Describe the iterative design process and its benefits in developing user interfaces.	5 Marks
4	What is participatory design, and why is it important in HCI?	5 Marks

Part B

Answer ALL Questions. Each question carries 15 marks.		2Qx15M=30M
6	<p>You are creating a gaming application aimed at younger users. Apply the principles of human perception, emotion, and psychology in the design of the user interface and gameplay elements.</p> <p>Explain how human thinking and cognitive limitations influence your design choices in terms of complexity, rewards, and feedback.</p>	15 Marks
7	<p>Apply the principles of user interface (UI) design to a real-world product (e.g., a banking app or e-commerce website).</p> <p>Identify common UI issues and propose improvements, explaining how these changes would enhance usability and user satisfaction.</p>	15 Marks