Duration: 3hrs   **Max Marks:80**

N.B. : (1) Question No 1 is Compulsory.
        (2) Attempt any three questions out of the remaining five.
        (3) All questions carry equal marks.
        (4) Assume suitable data, if required and state it clearly.

1	Attempt any FOUR	[20]
a	How does user research contribute to the process of designing user interactions?	[5]
b	What is the role of feedback in user interaction design?	[5]
c	Can you elaborate on expressive interfaces in user interaction design, providing an example to illustrate their functionality?	[5]
d	Define cognition in the context of user interaction design and provide an example to illustrate its application.	[5]
e	What is user interaction design, and what makes it a crucial aspect of creating digital experiences for users?	[5]
f	What are Different techniques for gathering data during the requirements gathering phase?	[5]

2 a	What is DECIDE framework? Explain in detail	[10]
b	What are usability principles? Elaborate it.	[10]

3 a	What is the role of prototyping in user interaction design? Explain wireframe with example	[10]
b	What is a conceptual model in user interface design, and why is it important?	[10]

4 a	Illustrate good design and bad design	[10]
b	What care will you take while designing an interface for a blind person? Justify your answer with sample design.	[10]

5 a	Write a note on 10 heuristics by Nielsen	[10]
b	What is effective user experience? Explain importance of task analysis in design process	[10]

6 a	How do controlled settings, natural settings, and evaluations in any setting differ when assessing user experiences	[10]
b	Discuss data gathering techniques	[10]

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