

UNIT 1:--

SET1

- Q1) a)  
Explain the Human Input and Output channels. How do they impact the user interface design?  
[5]  
b)  
Express your opinion - "A design should be User-Centric"  
[5]  
c)  
Describe the relationship between UI and UX with suitable examples.  
[5]  
OR  
Q2) a)  
Draw and explain the structure of (ANY ONE) in brief.  
1. Human eye 2. Human ear  
[5]  
b)  
Compare template-based and content-based approaches in screen design.  
[5]  
c)  
Explain the UI design process with suitable stages and examples.  
[5]  
SEP 2023  
Q1) a) Define user interface design. Explain the importance of a good design.  
[5]  
b) Write a short note on - Human Memory Structure with diagram. [5]  
c) Explain UI elements. [5]  
Q2) a) Explain in brief UI design process. [5]  
b) Explain visual communication design components in interface design.  
[5]  
c) How to create a mobile app interface design. [5]

UNIT 2

SET 1

- Q3) a)  
Compare and contrast direct manipulation interfaces with command-based interfaces.  
[5]  
b)  
What are breadcrumbs, and how do they assist in menu navigation?  
[5]  
c)  
Explain the visual design principles and their role in creating a good user interface.  
[5]  
OR  
Q4) a)  
Define interaction design. How does it contribute to user engagement?  
[5]  
b)  
Explain the 6 stages of UX design and describe the purpose of each stage briefly.  
[5]  
c)  
Describe the key characteristics of graphical and web user interfaces. How do they affect user experience?  
[5]  
SEP 2023  
Q3) a) Differentiate GUI and Web Interface. [5]  
b) Explain 6 stages used in UX design. [5]  
c) Explain Different Visual Design Principles. [5]  
OR  
Q4) a) Differentiate Between UI and UX with example. [5]  
b) Write a short note on - Universal Usability. [5]  
c) Describe the concept of interaction design. [5]

SET 2

- Q1) a)  
How can organizations foster a usability-centered design culture? Discuss policies, leadership roles, and team dynamics.  
[5]  
b)  
Express your opinion - "A design should be User-Centric"  
[5]  
c)  
Describe the relationship between UI and UX with suitable examples.  
[5]  
OR  
Q2) a)  
Draw and explain the structure of (ANY ONE) in brief.  
1. Human eye 2. Human ear  
[5]  
b)  
What are the golden rules of interface design, and how can they be applied to enhance user experience? Discuss with examples.  
[5]  
c)  
Explain the UI design process with suitable stages and examples.  
[5]

SET2

- Q3) a)  
Compare and contrast direct manipulation interfaces with command-based interfaces.  
[5]  
b)  
What are breadcrumbs, and how do they assist in menu navigation?  
[5]  
c)  
Explain the visual design principles and their role in creating a good user interface.  
[5]  
OR  
Q4) a)  
Discuss the importance of understanding users in the UX design process.  
[5]  
b)  
Explain the 6 stages of UX design and describe the purpose of each stage briefly.  
[5]  
c)  
Define direct manipulation in the context of user interface design. Compare and contrast direct manipulation interfaces with command-based interfaces.  
[5]

SET 3

- a)  
Differentiate between sensory memory, short term memory and long term memory.  
[5]  
b)  
Express your opinion - "A design should be User-Centric"  
[5]  
c)  
Describe the relationship between UI and UX with suitable examples.  
[5]  
OR  
Q2) a)  
Describe the importance of user-centered design as a core pillar of design, and provide examples  
[5]  
b)  
Explain the characteristics of graphical and web user interfaces, guidelines, principles and theories of good design  
[5]  
c)  
Compare and Contrast any two of the following Invision, Axure, Figma, Flutter and Mockups  
[5]

SET 3

- Q3) a)  
Compare and contrast direct manipulation interfaces with command-based interfaces.  
[5]  
b)  
What are breadcrumbs, and how do they assist in menu navigation?  
[5]  
c)  
Explain the visual design principles and their role in creating a good user interface.  
[5]  
OR  
Q4) a)  
Discuss the importance of understanding users in the UX design process.  
[5]  
b)  
Explain the 6 stages of UX design and describe the purpose of each stage briefly.  
[5]  
c)  
Explain the importance of user interface and the benefits of good design.  
[5]