

Answer Any **FIVE** Questions  
All Questions Carry Equal Marks

1. a What is meant by direct manipulation in Graphical system? What are its characteristics? [6M]  
b Explain the principles of user interface design. [6M]
2. a Compare and contrast between Graphical User Interface and Web Interface design. [6M]  
b Discuss the main human characteristics that are to be considered in designing a good interface. [6M]
3. a Explain the typical psychological and physical responses to poor design. [6M]  
b Write in brief about the human interaction speeds. [6M]
4. a Discuss the qualities that provide visually pleasing composition for screen. [6M]  
b Briefly describe the information retrieval on web. [6M]
5. a Discuss the various types of statistical graphics. [6M]  
b Explain how the ordering of screen data and content affects the performance. [6M]
6. a Classify the structures of menus. Give suitable examples. [6M]  
b Explain the differences between system messages and instructional messages with examples. [6M]
7. a How the content and text is arranged for web pages? Explain. [6M]  
b Explain briefly various specification methods for building an interface. [6M]
8. a What are the function keys? Explain the advantages of function keys? [6M]  
b Explain the six types of interaction tasks that are applicable by pointing devices. [6M]

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