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Question Paper Code : X 60738

B.E./B.Tech. DEGREE EXAMINATIONS, NOVEMBER/DECEMBER 2020
Seventh Semester
Computer Science and Engineering
IT 2024/IT 604/10144 CSE 36/10177 ITE16 – USER INTERFACE DESIGN
(Common to Sixth Semester Information Technology)
(Regulations 2008/2010)

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions

PART – A

(10×2=20 Marks)

1. State the characteristics of direct manipulation.
2. List any four disadvantages of graphical systems.
3. Name the types of methods for determining business requirement analysis on user interface design.
4. What are the components of a web navigation system ?
5. What is the need for Tool bar ?
6. What is the need for device based control ?
7. State the advantages of Icons.
8. What is the need for Internationalization ?
9. What is the need for prototypes ?
10. Define hypermedia.

PART – B

(5×16=80 Marks)

11. a) Explain the characteristics of graphical user interface. (16)
(OR)
b) Discuss the characteristics and principles used in web user interface design. (16)



12. a) Discuss the impact of perception and memory in user interface design. **(16)**
(OR)
b) List the direct methods for collecting requirements and explain any five in detail. **(16)**
13. a) Discuss in detail about window presentation styles. **(16)**
(OR)
b) Discuss in detail about any four presentation controls. **(16)**
14. a) Write a detailed note on the role of Guidance and assistance mechanism in user interface design. **(16)**
(OR)
b) With suitable illustration explain how response time and time delays are handled in user interface design. **(16)**
15. a) Discuss the information search techniques in detail. **(16)**
(OR)
b) Write short notes on following :
i) Visualization.
ii) Hyper media. **(8+8)**
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