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Question Paper Code : X 67528

B.E./B.Tech. DEGREE EXAMINATIONS, NOVEMBER/DECEMBER 2020
Eighth Semester
Computer Science and Engineering
CS 1014 – USER INTERFACE DESIGN
(Regulations 2008)

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions

PART – A

(10×2=20 Marks)

1. Define User Interface.
2. What is direct manipulation ?
3. What is a Visual clutter ?
4. What are the types of menus ?
5. Mention the various components of windows.
6. List some examples for operable controls.
7. What is the need for status bar message ?
8. What is the need for Toolbars ?
9. What are the kinds of prototypes in user interface design ?
10. List some of the software tools used for user interface design.

PART – B

(5×16=80 Marks)

11. a) Explain in detail the general principles of User Interface Design (UID). (16)
(OR)
b) Compare and contrast GUI and web user interface. (16)



12. a) Describe the important human characteristics in design. **(16)**
(OR)
b) Explain the structures of menus. **(16)**
13. a) Write in detail about window presentation styles. **(16)**
(OR)
b) State the different presentation control mechanisms and explain any four. **(16)**
14. a) Explain how the effective guidance and assistance are provided in user interface. **(16)**
(OR)
b) Discuss the issues for choosing colors in interface design. **(16)**
15. a) Elaborate on need and usage of prototypes. **(16)**
(OR)
b) State the different types of usability tests and explain any two in detail. **(16)**
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