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Question Paper Code: 54803

B.E./B.Tech. DEGREE EXAMINATION, DEC 2020

Information Technology

15UIT403– INTRODUCTION TO HUMAN COMPUTER INTERACTION

(Regulation 2015)

Duration: 1:15hrs

Maximum: 30 Marks

PART A - (6 x 1 = 6 Marks)

(Answer any six of the following questions)

1. Which of the following is not an influence of HCI? CO1- R
(a) ergonomics (b) cognitive psychology
(c) computer science (d) all of the above are an influence of HCI
2. Direct manipulation system represents the CO1-R
(a) continuous object (b) one object (c) two object (d) None of the above
3. Which of these is not a interface style? CO2 -R
(a) Command line (b) Menu
(c) natural language (d) voice recognition
4. Design standard ensure _____ CO2-R
(a) Performance (b) Design (c) Quality (d) Innovation
5. An icon of a file holder, which users can drop files on in order to move them into a folder, is an example of which of the following CO3 -R
(a) “recognition rather than recall” principle (b) direct manipulation
(c) a metaphor (d) all of the above
6. Identify the control category of joystick CO3-R
(a) Device (b) Custom (c) Screen (d) Selection
7. In virtual reality which of the senses cannot currently be portrayed? CO4- R
(a) Touch (b) Hearing (c) Sight (d) Smell

8. Which one is the vector image format CO4-R
 (a) GIF (b) BMP (c) CGM (d) PNG
9. You drag a folder to make a copy of its content. An animation appears on the screen, showing files moving from one folder to another. This is an example_____. CO5- R
 (a) visibility (b) mapping (c)feedback (d) affordance
10. Domain based testing is based on_____ CO5-R
 (a) Function (b) State (c) Event (d) All of the above

PART – B (3 x 8= 24 Marks)

(Answer any three of the following questions)

11. Suppose you were appointed as UI design engineer in Amazon, You have been asked to create a low level design for “ordering oppo f1s mobile” from list of mobiles. How can you do that if user is making cash on delivery option (COD)? CO1 -App (8)
12. Explain the usability measures, which focus on efficiency and satisfaction, to do practical evaluation of the UI that has been designed for a banking enterprise. CO2- U (8)
13. Discuss the various window characteristics and components to be considered while designing a user interface. CO3- U (8)
14. Explain the principles and rules to be followed while you place text in a web page. CO4 -U (8)
15. Explain the various testing strategies employed to find the issues faced by a user while using the UI designed for an application. CO5- U (8)