C

Answer ALL Questions

PART A - (5 x 1 = 5 Marks)

1. Which type of user interface provide input by typing a string in the keyboard?   CO1- R

   (a) Graphical user interface   (b) Command line interface

   (c) Natural language interface   (d) Menu interface

2. In graphical user interface of operating system to point file user uses   CO2- R

   (a) Pointer   (b) Common line interface

   (c) File based interface   (d) Voice based interface

3. What design consideration for smartphones affects the speediness of   CO3- R
   actions in mobile apps?

   (a) Responsiveness   (b) Screen size   (c) Wireless connectivity   (d) Battery life

4. To add resources like images to proto.io project, it must be dragged and   CO4- R
   dropped into the

   (a) Project Asset Window   (b) Layers Window

   (c) Images Window   (d) Inspector Window

5. A graphical representation depicting hierarchical relationships.   CO5- R
   Resembles the layout of a flowchart refers to what?

   (a) Design template   (b) Organizational chart   (c) Slides   (d) Transitions

PART – B (5 x 3= 15 Marks)

6. Write short note on characteristics of an intranet versus internet.   CO1- R

7.	Discuss in detail about usability.	CO2- R
8.	Write a short notes on presentation control.	CO3- R
9.	Discuss the guidelines to be followed to provide text for web pages.	CO4- R
10.	Write a short notes on Information search technique.	CO5- R

PART – C (5 x 16= 80 Marks)

11. (a) Discuss the characteristics and principles involved in web user interface design.   CO1- U   (16)

Or

(b) (i) Discuss the direct manipulation graphical system with example.   CO1- App   (10)

(ii) Write in brief about the need for human computer interface.   CO1- App   (6)

12. (a) Elaborate on the techniques used for requirement analysis.   CO2- U   (16)

Or

(b) Discuss in detail the structure and functions of menus. Design your own home page by applying all the kinds of graphical menu.   CO2- App   (16)

13. (a) Discuss in detail about the components, characteristics and operations of windows.   CO3- U   (16)

Or

(b) Compare device and screen based controls and discuss in detail about any 3 screen based controls.   CO3- Ana   (16)

14. (a) Write a detail notes on multimedia representation   CO4- U   (16)

Or

(b) Discuss any 5 Guidance and Assistance mechanisms.   CO4- U   (16)

15. (a) Discuss the different stages involved in usability testing and guidelines to be followed for the same.   CO5- U   (16)

Or

(b) Write short notes on the following: CO5- U   (16)

(i) Hypermedia
(ii) www
(iii) Software Tools

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