Reg.No. \_\_\_\_\_\_\_\_\_\_\_\_



**UNIVERSITY**

(Karunya Institute of Technology & Sciences)

(Declared as Deemed-to-be University under Sec.3 of the UGC Act, 1956)

**End Semester Examination – Nov/Dec– 2017**

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| **Code :** | **14CS3012** | **Duration :** | **3hrs** |
| **Sub. Name :** | **USER INTERFACE DESIGN** | **Max. marks :** | **100** |

**ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)**

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| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. | a. | Write short notes on human characteristics in interface design. | CO1 | 10 |
| b. | Differentiate direct and indirect methods for determining the business requirements analysis on user interface design. | CO2 | 10 |
| (OR) | | | | |
| 2. | a. | Discriminate the similarities and dissimilarities among GUI and web interface. | CO1 | 10 |
| b. | Enumerate the obstacles and pitfalls in the user interface development path. | CO2 | 10 |
|  |  |  |  |  |
| 3. | a. | Sketch the reason for users distracted from the screen. | CO2 | 10 |
|  | b. | Compute the techniques for collecting the requirements from the stakeholders for designing a web or graphical user interface. | CO2 | 10 |
| (OR) | | | | |
| 4. | a. | Quote different ways to understand the user’s mental model to predict the actions necessary to do things if the actions have been forgotten or have not yet been encountered. | CO3 | 15 |
|  | b. | Express the guidelines to choose the metaphors for business process applications. | CO1 | 5 |
|  |  |  |  |  |
| 5. |  | Articulate the procedures for developing system menus and navigation schemes. | CO2 | 20 |
| (OR) | | | | |
| 6. | a. | Show how do you organize the command buttons and customary grouping schemes? | CO2 | 10 |
|  | b. | Recall the need for Internalization. | CO3 | 10 |
|  |  |  |  |  |
| 7. |  | Summarize about components and presentation styles of windows with suitable examples. | CO1 | 20 |
| (OR) | | | | |
| 8. | a. | Interpret the usage of screen based controls in web interface with appropriate examples. | CO2 | 10 |
|  | b. | List the general guidelines for choosing colors for textual graphic screens. | CO2 | 10 |
| **Compulsory:** | | |  |  |
| 9. | a. | Describe the visually pleasing composition in screen design. | CO1 | 10 |
|  | b. | Estimate the steps to be followed for creating an effective web user interface. | CO1 | 10 |

ALL THE BEST