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 – April/May– 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. | Analyze the reason for people having trouble with computers in response to poor design. | CO1 | 10 |
| b. | Discover how the human’s visual activity plays an important role in the design characteristics. | CO2 | 10 |
| (OR) | | | | |
| 2. |  | Express the direct and indirect methods for determining the business requirements analysis on user interface design. | CO1 | 20 |
| 3. | a. | Illustrate how 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? | CO2 | 10 |
|  | b. | Articulate the technological considerations for web design. |  | 10 |
| (OR) | | | | |
| 4. | a. | Explain ordering the screen data, contents, pages and other elements in the design window. | CO1 | 20 |
| 5. | a. | Predict the guidelines for formatting the menu. | CO1 | 10 |
|  | b. | Discuss about different kind of graphical menus. | CO1 | 10 |
| (OR) | | | | |
| 6. | a. | Distinguish primary and secondary window of web application. | CO2 | 5 |
|  | b. | Differentiate active window from all other windows. | CO1 | 5 |
|  | c. | Describe various operations performed in an active window. | CO1 | 10 |
| 7. | a. | Criticize how to choose the colors for textual graphic screens. | CO2 | 10 |
|  | b. | Explain the steps for icon design process. | CO1 | 10 |
| (OR) | | | | |
| 8. |  | Judge the interface for its compliance with recognized heuristics principles. | CO2 | 20 |
|  | | **Compulsory:** |  |  |
| 9. | a. | Enumerate the human characteristics in interface design. | CO1 | 10 |
|  | b. | Write down the similarities and dissimilarities among GUI and Web Interface. | CO2 | 10 |

ALL THE BEST