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 :** | **14BT3014** | **Duration :** | **3hrs** |
| **Sub. Name :** | **RESEARCH METHODOLOGY** | **Max. marks :** | **100** |

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

|  |  |  |  |  |
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| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. |  | List in detail the importance of sample design and its types with Suitable examples. | CO2 | 20 |
| (OR) | | | | |
| 2. |  | What are the different stages of research process and explain in detail. | CO2 | 20 |
|  |  |  |  |  |
| 3. |  | What are the types of research design and state its importance in success and progression of research and highlight on role of measurement scale in obtaining results accuracy. | CO2 | 20 |
| (OR) | | | | |
| 4. | a. | Analyze the importance of correlation analysis in multiple variable studies with suitable examples. | CO1 | 10 |
|  | b. | Recall the measures of central tendency with examples. | CO1 | 10 |
|  |  |  |  |  |
| 5. |  | Formulate the importance and different methods of data collection in research. Explain its merits and demerits. | CO2 | 20 |
| (OR) | | | | |
| 6. | a. | Illustrate the importance of Bibliography and References in thesis and manuscript writing. | CO3 | 10 |
|  | b. | Summarize the importance of Impact factor of journals and method of calculation by Thomson Reuters . | CO3 | 10 |
|  |  |  |  |  |
| 7. |  | Classify the national regulations of human and animal research and its ethics with suitable examples. | CO3 | 20 |
| (OR) | | | | |
| 8. |  | Compile the steps involved in thesis writing in detail with necessary examples. | CO3 | 20 |
|  | |  |  |  |
|  | | **Compulsory**: |  |  |
| 9. |  | Infer the different levels of bio-safety and its importance in modern day research. | CO2 | 20 |

ALL THE BEST