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

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**End Semester Examination – Nov/Dec – 2018**

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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 the role of measurement scale in obtaining results accurate. | CO2 | 20 |
| (OR) | | | | |
| 4. | a. | Analyze the importance of correlation analysis of research data in multiple variable studies with suitable examples. | CO1 | 10 |
| b. | Give a brief notes on :  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 different formats of bibliography and references in research publications with suitable examples and its importance in format of research publications. | CO3 | 10 |
|  |  |  |  |  |
| 7. |  | List the steps in national regulations of clinical trials and its ethics with necessary examples. | CO3 | 20 |
| (OR) | | | | |
| 8. |  | Compile the steps involved in thesis writing in detail with necessary examples. | CO3 | 20 |
|  | |  |  |  |
|  | | **Compulsory**: |  |  |
| 9. |  | Formulate the different levels of bio-safety and the role of standard operating protocol in the modern day research. | CO2 | 20 |