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



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

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|  |  |  |  |
| **Code :** | **14BT2046** | **Duration :** | **3hrs** |
| **Sub. Name :** | **RESEARCH METHODOLOGY** | **Max. marks :** | **100** |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Q. No.** |  | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. |  | Explain in detail about the importance of research design and its importance in modern day research. | CO2 | 20 |
| (OR) | | | | |
| 2. |  | Outline in detail about the importance of sample design and its types with suitable examples. | CO2 | 20 |
|  |  |  |  |  |
| 3. |  | Elaborate the importance and different methods of data collection in research. | CO2 | 20 |
| (OR) | | | | |
| 4. |  | Infer the importance of correlation analysis in determining the relationship of two variables involved in experiment with suitable examples. | CO1 | 20 |
|  |  |  |  |  |
| 5. |  | Summarize the importance of clinical research in modern drug discovery. | CO3 | 20 |
| (OR) | | | | |
| 6. |  | Explain in detail about various steps involved in research process in formulating a good research proposal. | CO2 | 20 |
|  |  |  |  |  |
| 7. |  | Generalize the steps involved in manuscript writing and state its importance in improving the technical writing skill for young researchers. | CO2 | 20 |
| (OR) | | | | |
| 8. |  | Elaborate in detail the different levels of bio-safety and its importance in modern research in biotechnology. | CO3 | 20 |
|  | |  |  |  |
|  | | **Compulsory**: |  |  |
| 9. |  | Illustrate the various steps involved in thesis writing with necessary examples. | CO3 | 20 |

ALL THE BEST