

**Q.P.Code 102376****Reg. No.:.....**

First Year MPT Degree Supplementary Examinations - March 2014

**RESEARCH METHODOLOGY AND BIOSTATISTICS****Time : 3 hrs****Max marks : 100**

- Answer all questions

**Essays****(5x20=100)**

1. Explain the instruments and tools used in physical therapy research.
2. Describe the importance of literature review in research.
3. Explain various sampling techniques.
4. Explain most widely used four measurement scales.
5. Find out the coefficient of rank correlation of two given values.

|   |     |     |     |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|-----|-----|
| X | 80  | 91  | 99  | 71  | 61  | 81  | 70  | 59  |
| Y | 123 | 135 | 154 | 110 | 105 | 134 | 121 | 106 |

\*\*\*\*\*