

**QP CODE: 101532**

**Reg. No. . . . .**

**First Year M Phil in Translational Ayurveda Regular/Supplementary  
Examinations July 2023**

**Paper I – Research Methodology and Medical statistics**

**Time: 3 hours**

**Total Marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Answer any five questions**

**(5x20=100)**

**All questions carry equal marks**

1. What are the components of a Research Protocol. Add a note on the need for Research Protocol.
2. What is Randomized Controlled Trial (RCT). Write briefly about the need and types of Randomization used in RCT.
3. Write briefly about the Hypothesis testing and its steps. Add a note on the Statistical Errors associated with Hypothesis testing.
4. Describe in detail about the steps in development of a Questionnaire
5. Write in detail about the functions, composition and process of review of an Institutional Ethics Committee (IEC)
6. Write briefly about the types of Regression used in health research
7. Write briefly about Measures of Mortality

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