

Q.P. Code 101290

Reg. No.:.....

**PG Ayurveda Preliminary Supplementary Examinations May 2021
Paper I - Research Methodology and Medical Statistics**

(Common for all Specialties)

(2012 & 2016 scheme)

Time: 3 hrs

Max 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.*
 - *Use only ordinary calculator*

Part A

Essays

(4x10=40)

1. A clinical study is proposed to evaluate the effect of Shodana and Shamana Karma in Tamaka Swasa (Bronchial Asthma). Explain the research protocol for the study.
2. Define Anusandana. Explain the limitations and areas of research in Ayurveda.
3. Define manuscriptology. Describe manuscript and its importance, need for preservation and methods for preservation.
4. Explain the areas of drug research and Good Manufacturing Practice (GMP) as per WHO guidelines

Short notes

(4x5=20)

5. Types of data and its analysis
6. Explain the structure of research article.
7. Institutional Ethical Committee (IEC)
8. Explain Good Clinical Practice (GCP)

Part B

Essays

(4x10=40)

9. Differentiate parametric and non-parametric tests. Level of significance & its interpretation in research.
10. Classify data. Explain methods of collection and scales of measurement.
11. Classify sampling methods. Explain sampling errors.
12. Explain measures of central tendency. Tuberculin test reaction 10 boys is arranged in ascending order being measured in mm. 3, 5, 7, 7, 8, 8, 9, 10, 11, 12. Calculate Mean, Mode & Median in the above example
