PG Ayurveda Preliminary Supplementary Examinations December 2017

Paper I - Research Methodology and Medical Statistics

(Common for all Specialties)

(2012 & 2016 scheme)

Time : 3 hrs   **Max marks : 100**
- Answer all questions.
- Use only ordinary calculator

Part A

Essays   **(4x10=40)**

1. Develop a research design for determining the incidence of malnutrition among children under five years of age in a district

2. Explain in detail the utility, types, advantages and disadvantages of descriptive studies

3. What is Randomized Controlled Trial (RCT). Describe various controls that can be selected for RCT

4. Compare between methods of research in Ayurveda and contemporary methods in health sciences

Short notes   **(4x5=20)**

5. Quality control and standardization of herbal preparations

6. Literary research

7. Intellectual property rights (IPR)

8. Bioinformatics

Part B

Essays   **(4x10=40)**

9. Elaborate the concept, properties and applicability of normal distribution

10. Mention the definition, various types and measures of central tendency. What are the characteristics of an ideal measure of central tendency.

11. What are parametric tests. Explain various parametric tests used in medical statistics

12. Explain the following
    - Variables
    - standard deviation
    - maternal mortality rate
    - stratified random sampling
    - correlation

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