

Q.P. Code 101290

Reg. No.:.....

PG Ayurveda Preliminary Examinations November 2018

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. Define research. Explain the steps involved in a research process.
2. Develop a research design for assessing the prevalence of anemia among breast feeding mothers in a district
3. Explain the utility, advantages and disadvantages of case control studies
4. What is Randomized Controlled Trial (RCT). Explain various components of RCT

Short notes

(4x5=20)

5. Structuring of a research article
6. Good Manufacturing Practices (GMP)
7. Toxicity studies in drug research
8. Prathyakshadipramanas and their methodological perspective

Part B

Essays

(4x10=40)

9. What is data. Explain various types of data; elaborate various methods for the collection, tabulation and presentation of data
10. Mention the definition, various types and measures of variability. What are the characteristics of an ideal measure of variability.
11. Elaborate the steps involved in testing of a hypothesis
12. Explain the following:
 - Simple Random Sampling
 - Binomial Distribution
 - Infant Mortality Rate
 - Arithmetic Mean
 - Standard Error
