

5/10/2012

Q.P.Code 101290

Reg. No.:.....

PG Ayurveda Preliminary Examinations – October 2012

Paper I - Research Methodology and Medical Statistics

Time : 3 hrs

Max marks : 100

- Answer all questions.
- Use only ordinary calculator

Part A

Essays

1. Explain the essentials required in conducting drug research (15)
2. Describe the importance of radio-isotopes in diagnostic and therapeutic value in clinical research (10)
3. Explain ancient and modern methods of research (10)

Short notes

(3x5=15)

4. Electrophoresis
5. Research Design
6. Manuscriptology

Part B

Essays

7. Describe steps involved in testing of hypothesis and explain large sample tests (10)
8. Explain measures of dispersion with its advantages (10)
9. Explain the diagrammatic presentation of data in detail. (10)
10. Define sampling and explain in detail about the different sampling methods (10)
11. Define standard error and calculate SE, in a study wherein $n=6$; mean =30 and SD =8. (10)
