

Q.P.Code 101290

Reg. No.:.....

**PG Ayurveda Preliminary Examinations – November 2014
(2012 scheme)**

**Paper I - Research Methodology and Medical Statistics
(Common for all Specialties)**

Time : 3 hrs

Max marks : 100

- Answer all questions.
- Use only ordinary calculator

Part A

Essays

(4x10=40)

1. Prepare a research protocol to assess awareness of dengue fever in a particular panchayath.
2. Describe the animal experimental studies in ayurveda
3. Explain in detail about the concept of fundamental research in ayurveda
4. Discuss the golden standards in clinical research and describe with diagram

Short notes

(4x5=20)

5. General guidelines in research
6. Traditional knowledge digital library
7. Pharmacovigilance
8. Cohort study

Part B

Essays

(4x10=40)

9. Describe mean deviation and standard deviation. The following numbers give the incubation period in ten consecutive patients of infectious hepatitis: 26, 22, 36,15,27,19,24,18,23 and 25. Calculate standard deviation.
10. In a town with a midyear population of 2,00,000 there were 6050 live births, 110 still births, 250 deaths within 1 week after birth, 480 deaths in the first month of life, 750 deaths in first year of life. Calculate all possible rates.
11. Explain regression and discuss how regression coefficient is interpreted.
12. Describe Chi square test.
