

Q.P.Code 101290

Reg. No.:.....

**PG Ayurveda Preliminary Examinations – October 2013
(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. "It is proposed to find out the recurrence chance of Bhagandara with Ksharasutra treatment". Explain the research protocol to conduct this study
2. Explain the principles and methods of fundamental drug research and literary research design
3. Discuss the concept of pratyakshadi pramana pariksha(प्रत्यक्षादि प्रमाण परीक्ष) and its types. Add a note on its applications for research in ayurveda
4. Define cohort and describe it with illustration & suitable examples.

Short notes

(4x5=20)

5. Bioinformatics
6. Pharmacovigilance
7. Anusandhanam
8. Good clinical practice

Part B

Essays:

(4x10=40)

9. "Mean is the best measure of central tendency" Comment on the statement.
10. Differentiate standard deviation and standard error.
11. Mention the different fertility rates and its limitation.
12. The midyear population of a town in Kerala was 1,25,000 in 2010 with a birth rate of 20/1000. The total infant deaths in the area were 25 for the same year. Find out the infant mortality rate and compare it with that of Kerala.
