

**PG Ayurveda Preliminary Supplementary Examinations – April 2015  
(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. What is cohort. Mention the steps in a cohort study and its advantage & disadvantage.  
What do you mean by relative risk, attributable risk and population attributable risk
2. Describe the principles and methods of literary research in ayurveda
3. Define anusandana and describe it with suitable examples.
4. Describe the points for scientific writing and publication skill in detail

**Short notes**

**(4x5=20)**

5. Role of computers in medical research
6. Good manufacturing practices(GMP)
7. Randomized clinical trail
8. Manuscriptology

**Part B**

**Essays**

9. Describe methods of data collection, tabulation and presentation **(10)**
10. Describe steps involved in testing of hypothesis and explain confidence interval **(10)**
11. Define normal distribution and mention the properties of a normal distribution **(10)**
12. Explain standard deviation and variance and calculate them in a study,  
ESR (mm/hr) was recorded as 10,12,20,16,14,19,26, 30, 24 and 30 **(10)**

\*\*\*\*\*