

Q.P. Code 101290

Reg. No.:.....

**PG Ayurveda Preliminary Supplementary Examinations April (July) 2020
Paper I - Research Methodology and Medical Statistics**

(Common for all Specialties)

(2012 & 2016 Scheme)

Time: 3 hrs

Max marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers.*
 - *Use only ordinary calculator*

Part A

Essays

(4x10=40)

1. A study is proposed to assess the efficacy of triphala choorna in stoulya (obesity) against a conventional drug. Explain the research protocol for the study.
2. Explain application of Trividha Pareeksha in research
3. Describe how to conduct literary research with its stages and techniques
4. Explain cohort study with its indications, framework and types

Short notes

(4x5=20)

5. Brief the latest trends in drug discovery process through rational approach techniques
6. Journal publication guidelines
7. State the difference between bias and confounding in researches
8. Ethical aspects related to research

Part B

Essays

(4x10=40)

9. Explain the measures of central tendency
10. Explain correlation and regression analysis
11. Give an overview of commonly used statistical tests. Discuss about ANOVA
12. Define standard deviation and standard error. In a study conducted among of 81 females, mean weight was found to be 50 kg and standard deviation was 9 kg. Find the standard error.
