

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
FACULTY OF AYURVED
M.D./M.S.(Ayurved), Annual Examination 2015-16

Year: 1

Subject Code: 02200101

Subject Name: Research Methodology and Medical Statistics

Date: 25/07/2016

Time: 10:00 am to 1:00 pm

Total Marks: 100

Instructions:

1. Attempt all questions from each section.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Write separate sections on separate answer sheets.

SECTION – A

- Q.1** Write in detail about ancient methods of research in Ayurveda and its relevance in present days. **15**
- Q.2** **Answer the following question (Any One)** **15**
- a.** Elaborate components and functions of Institutional Ethics Committee (IEC).
- b.** Write need, scope, aims & objectives of pharmacovigilance for ASU drugs.
- Q.3** Write in detail about common research designs applicable in Ayurvedic research. **10**
- Q.4** **Answer the following questions (5 marks each)** **20**
- a.** Importance of Survey study in epidemiological research.
- b.** Manuscriptology.
- c.** Phases of clinical studies.
- d.** Briefly explain different types of referencing style in scientific publication.

SECTION – B

- Q.1** Write in detail about use of biostatistics in Ayurvedic research. **10**
- Q.2** Define presentation of data. Explain tabulation of data. **10**
- Q.3** **Answer the following questions (5 marks each)** **20**
- a.** Chi square test.
- b.** Vital statistics.
- c.** Explain systematic random sampling method with example.
- d.** Explain Correlation analysis in brief.