PARUL UNIVERSITY
FACULTY OF AYURVED
M.D/M.S., Examination July - 2017

Year: 1   **Date: 20/07/2017**
Subject Code: 02200101   **Time: 10:00 am to 1:00 pm**
Subject Name: Research Methodology and Medical Statistics   **Total Marks: 100**

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

SECTION – A (60 Marks)

Q.1 Write an essay on different fields of research in Ayurveda.   **(15)**

Q.2 **Write Any One.**   **(15)**
  a. What is Pharmacovigilance? Discuss its need, objectives, scope and current status related to ASU drugs in India.
  b. Write definition and types of Pramana along with their applications for research in Ayurveda.

Q.3 Discuss various methods of drug identification.   **(10)**

Q.4 **All Compulsory (5 marks each)**   **(20)**
  a. Phases of clinical trials.
  b. Manuscriptology
  c. TKDL
  d. Data mining

SECTION – B (40 Marks)

Q.1 Give definition and types of data. Describe methods of presentation of data.   **(10)**

Q.2 What is statistics and biostatistics? Discuss their applications in Ayurveda.   **(10)**

Q.3 **All Compulsory (5 marks each)**   **(20)**
  a. Types of variable.
  b. Standard deviation
  c. Type I and Type II error
  d. Sampling techniques