

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY

FACULTY OF AYURVED

M.D/M.S., Ayurveda February 2020 Examination

Year: 1

Subject Code: 02200101

Subject Name: Research Methodology & Medical Statistics

Date: 26/02/2020

Time: 10:00 am to 01:00pm

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 in detail all the steps in Research Process. 15
- Q-2 Write Any One. 15
- a. Definition, scope, collection, conservation and cataloguing of entire Manuscripts.
 - b. Write in detail the Classical Methods of Research.
- Q.3 Describe in detail about latest trends in Drug Discovery and Drug Development Process. 10
- Q.4 All Compulsory (5 Marks each) 20
- a. Write a Research Proposal for submission for funding to EMR – AYUSH.
 - b. Phases of Clinical Studies 0, 1, 2, 3 and 4.
 - c. Pharmacovigilance.
 - d. Intellectual Property Rights.

SECTION – B (40 Marks)

- Q-1 Write Collection, Classification, Presentation, Analysis and Interpretation of Data. 10
- Q-2 Definition, types and laws of Probability. 10
- Q.3 All Compulsory (5 marks each) 20
- a. Mean, Median and Mode.
 - b. Chi-square Test.
 - c. Population and Sample and Advantages of Sampling.
 - d. Mortality and Fertility Rates.