

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)

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|------------|--|-----------|
| 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)

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| 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. | |