

PARUL UNIVERSITY
FACULTY OF AYURVED
M.S/MD September-2020 Examination

Year: 1**Subject Code: 02200101****Subject Name: Research Methodology & Medical Statistics****Date: 21-09-2020****Time: 10:00 am to 01: pm****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 | Define research. Describe various types of research designs applicable for research in Ayurved. | 15 |
| Q-2 | Write Any One.
a. How to prepare research protocol?
b. Describe classical methods of research and their application in research in Ayurved. | 15 |
| Q.3 | Describe clinical research. | 10 |
| Q.4 | All Compulsory (5 marks each)
a. Describe institutional ethics committee.
b. Write in short about method of drug research.
c. Write in short about good laboratory practices (GLP).
d. Write in short about bioinformatics. | 20 |

SECTION – B (40 Marks)

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|------------|--|-----------|
| Q-1 | Define and classify data. Write different methods of presentation of data. | 10 |
| Q-2 | Write definition of – Variable, mean, median, mode, range, probability. | 10 |
| Q.3 | All Compulsory (5 marks each)
a. what is difference between parametric and non-parametric tests.
b. Describe different types of sampling techniques.
c. Describe standard deviation and its uses.
d. Write the source and measures of vital statistics. | 20 |

