

PARUL UNIVERSITY
FACULTY OF AYURVED
BAMS, March -2021-22Examination

Year: 4**Subject Code: 02101408****Subject Name: Research Methodology and Medical Statistics****Date: 19/03/2022****Time: 90 mins****Total Marks: 50****Instructions:**

1. All questions are mandatory.
2. Figures to the right indicate full marks.
3. Draw Diagram wherever necessary.
4. Write section-A, section-B on separate answer sheets

SECTION- A (30 – Marks)**Q.1** Explain Role of Pramanas as Research tools **(05)****Q.2 Answer any three (Each 5 Marks).** **(15)**

- (a) Research in Ayurveda scope, Need, Importance, Utility
- (b) Explain Definition, Scope and importance of Medical Statistics
- (c) The Concept and Importance of Ethics in Research
- (d) Etymology, Definition and Synonyms of Anusandhana

Q.3 Answer any five.(Each 2 Marks) **(10)**

- (a) Explain Parametric and Non Parametric Test
- (b) Explain Types of Research in detail
- (c) AYUSH Research Portal
- (d) DHARA
- (e) Data mining
- (f) Bio- informatics

SECTION B (20 – Marks)**Q.1** Explain Measures of Central Tendency **(05)****Q.2 Answer any One from the following.** **(05)**

- (a) Explain Measures of Standard deviation (SD)
- (b) Explain Parametric test

Q.3 Answer any Five questions from the following.(Each 2 Marks) **(10)**

- (a) Aims and Objectives
- (b) Sample size
- (c) Data Presentation
- (d) Range
- (e) Measures of Variability
- (f) Chi-square test