

PARUL UNIVERSITY
FACULTY OF AYURVED

BAMS Year -4 (130 Students Batch), Preliminary Examination – Jan. – Feb. 2021

Year: 4

Date: 03-02-2021

Subject Code: 02101408

Time: 10:00 AM to 11:30 AM

Subject Name: Research Methodology and Medical Statistics

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	Write Scope, Need, Importance and Utility of Research in Ayurved.	(05)
Q.2	Answer <u>Any Three</u> (Each 5 Marks).	(15)
	(a) Role of the pramanas as research tools	
	(b) Importance of ethics in research	
	(c) Evidence Based Medicine	
	(d) Importance of IT in data mining and important research data portal	
Q.3	Answer <u>Any Five</u> (Each 2 Marks)	(10)
	(a) Aptopadesha	
	(b) Hypothesis in Research	
	(c) Cross –sectional Study Design	
	(d) Conclusion in Research	
	(e) Communication of Research	
	(f) Ethics in Research	

SECTION B (20 – Marks)

Q.1	Write how data is collected and presented?	(05)
Q.2	Answer <u>Any One</u> from the following.	(05)
	(a) Probability and test of Significance	
	(b) Parametric and Non Parametric Tests	
Q.3	Answer any Five questions from the following.(Each 2 Marks)	(10)
	(a) Population	
	(b) Arithmetic Mean	
	(c) Range	
	(d) Normal distribution	
	(e) Percentile	
	(f) Standard Error	