

Rajiv Gandhi University of Health Sciences, Karnataka

IV Year B.P.T. Degree Examination - 29-Nov-2024

Time: Three Hours

Max. Marks: 80

RESEARCH METHODOLOGY AND BIostatISTICS (RS-5)

Q.P. CODE: 2751

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Describe the types of diagrams in biostatistics
2. Define scaling technique, explain its classification and important techniques

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

3. Inferential statistics
4. Explain the five technique involved defining a problem
5. Flow diagram for hypothesis testing
6. What is the need for research design?
7. Test of reliability
8. Criteria of selecting a sampling procedure
9. Measures of relationship
10. Technique of developing measurement tool
11. Two-way ANOVA
12. Collection of secondary data

SHORT ANSWERS

10 x 3 = 30 Marks

13. What is longitudinal research?
14. Paired t-test
15. Three principle of experimental design
16. Mention the implications of sample design
17. Test of practicality
18. What are Warranty cards?
19. Normal probability curve
20. How will you determine Confidence level?
21. What is decision rule?
22. Role of automation in research
