

Rajiv Gandhi University of Health Sciences, Karnataka

IV Year B.P.T. Degree Examination - 21-Dec-2022

Time: Three Hours



Acharya's NR Institute of
Physiotherapy Library

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. Define research. Explain different types of research
2. Explain in detail testing hypothesis

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

3. Importance of biostatistics
4. Steps involved in problem statement
5. Types of variables
6. Experimental research design
7. Explain various methods of data collection
8. Graphical presentation of data
9. Sources of error in measurement
10. Different methods of sampling
11. Processing and analysis of data
12. Role of computer in research

SHORT ANSWERS

10 x 3 = 30 Marks

13. Sampling frame
14. One tailed and two tailed test
15. Tabulation
16. Skewness of data
17. What you mean by ANOVA?
18. Types of error
19. Level of significance
20. Types of editing
21. Central tendency
22. Normal probability curve
