

Rajiv Gandhi University of Health Sciences, Karnataka
IV Year B.P.T. Degree Examination - 02-Sep-2020

Time: Three Hours

Max. Marks: 80 Marks

RESEARCH METHODOLOGY & 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 Two)

2 x 10 = 20 Marks

1. Define Research. Explain different types of research.
2. Define Biostatistics. Mention branches of statistics of state the characteristics of biostatistics.
3. Define hypothesis. Explain the procedure for hypothesis testing.

SHORT ESSAYS (Answer any Eight)

5 x 5 = 40 Marks

4. Explain the role of computers in physiotherapy research.
5. Sources of errors in measurement.
6. Need for research design.
7. Normal probability curve.
8. Explain the procedure for tabulation of data.
9. Statement of research problem.
10. Motivation in research.
11. Research methods v/s methodology.
12. Application of statistics in research.
13. Construction of pie chart.

SHORT ANSWERS

10 x 2 = 20 Marks

14. Mode.
15. Cluster sampling.
16. Sampling unit.
17. Research approaches.
18. One tailed and two tailed test.
19. Ordinal Scale.
20. Define population and sample.
21. Continuous v/s Discrete variables.
22. Define scaling.
23. Probability.
