

Rajiv Gandhi University of Health Sciences, Karnataka

II Semester Bachelors in Hospital Administration Degree Examination - 25-Nov-2024

Time: Three Hours

Max. Marks: 80 Marks

BIO STATISTICS (RS)

Q.P. CODE: 3234

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. Explain different models for graphical representation of data.
2. Define correlation and explain types and methods of correlation.
3. Write a note on biostatistics and its application in hospital.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Explain negative and positive correlation.
5. Describe measure of quartile.
6. Explain the methods of constructing index numbers.
7. Give a brief account on cumulative frequency curve.
8. Explain average price relative method.
9. What is Index number? Explain briefly the classification of Index number.
10. Explain average price relative method.
11. Write a note on mode of median.
12. Write a note on coefficient of variation.
13. Explain different types of bar diagram.

SHORT ANSWERS (Answer any ten)

10 x 2 = 20 Marks

14. What is base year and current year?
15. Percentile.
16. Seasonal variations.
17. Any two properties of regression.
18. Fisher's method of index number.
19. Any two use of time series.
20. Weighted average.
21. What is biostatistics?
22. Method of calculating standard deviation.
23. Variance.
24. Mode of distribution.
25. Scatter diagram.
