



Rajiv Gandhi University of Health Sciences, Karnataka

II semester Bachelors in Hospital Administration Degree Examination – APRIL 2017

Time: Three Hours

Max. Marks: 80 Marks

Business Statistics

Q.P. CODE: 1306

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. From the prices of shares X and Y given below find out which is more stable in value:

X	35	54	52	53	56	58	52	50	51	49
Y	108	107	105	105	106	107	104	103	104	101

2. Describe applications of statistical methods in hospital management.
3. Which, are the methods used for Summarization of Data? Explain with examples.

SHORT ESSAYS (Answer any Eight)**8 x 5 = 40 Marks**

4. Briefly describe the methods of tabulation of data.
5. What is time series? Describe the components of time series analysis.
6. Describe different types of diagram.
7. What is index number? Explain briefly its classification.
8. What is central tendency? Explain Arithmetic mean, Median and Mode.
9. Define Statistics. Explain its scope and limitations.
10. Describe correlation and regression techniques in analysis of data.
11. Write a note on measures of dispersion.
12. Describe the term coefficient of correlation.
13. Briefly explain the difference between diagram and graph.

SHORT ANSWERS (Answer any ten)**10 x 2 = 20 Marks**

14. What is least square method?
15. List-out some of the characteristics of good averages.
16. What is central tendency?
17. What is a measure of dispersion?
18. What is time series?
19. Define statistics.
20. What is quartile deviation?
21. What is rank correlation?
22. List-out the methods of constructing index number.
23. What is range?
24. What is mean deviation?
25. What is simple average method?

