BBA-05

December - Examination 2015

BBA - Ist Year Examination

Fundamentals of Business Statistics

Paper - BBA-05

Time : 3 Hours]   **[Max. Marks :- 70**

Note: The question paper is divided into three sections A, B and C. Write answers as per given instructions.

Section - A   7 x 2 = 14

(Very Short Answer Type Questions)

Note: Answer all 7 questions. As per the nature of the questions you delimit your answer in one sentence up to 30 words. Each question carries 2 marks.

1)   (i)   Point out any four limitations of statistics.

    (ii)   What do you meant by secondary data?

    (iii)   Define Questionnaire.

    (iv)   What do you meant by foot note given at the bottom of the table?

    (v)   Point out types of index numbers.

    (vi)   What is negative correlation?

    (vii)   Define regression.

Section - B 4 x 7 = 28

(Short Answer Type Questions)

Note: Answer any 4 questions. Each answer should not exceed 200 words. Each question carries 7 marks.

2) "Figure do not lie". Comment.

3) Explain the objectives of tabulation.

4) Write a note on 'Histogram'.

5) How is range and its coefficient is calculated?

6) Explain in brief the uses and limitations of index numbers of prices.

7) What is rank correlation? How you will determine it?

8) Find out the regression equation by least square method from the following data:

X	1	3	4	6	8	9	11	14
Y	1	2	4	4	5	7	8	9

9) Give the procedure of calculating seasonal variations by link relative method.

Section - C $2 \times 14 = 28$

(Long Answer Type Questions)

Note: Answer any 2 questions. Each answer should not exceed 500 words. Each question carries 14 marks.

10) Prepare 'less than' and 'more than' curves from the weights of the Office Assistants' one graph and find out the value of median.

Weight in K.G.	40-45	45-50	50-55	55-60	60-65	65-70
No. of Office Assistant	10	17	23	32	12	6

11) The annual salaries of Accounts Managers are given in the following table. Compute

(i) Standard deviation and

(ii) Standard deviation - continuous series:

Salaries (in thousands)	45	50	55	60	65	70	75	80
No. of Accounts Managers	3	5	7	8	9	7	4	7

12) Define Index Numbers. Distinguish between fixed base and chain base method of constructing index numbers.

13) How would you study association in contingency tables? What is meant by X^2 test? Explain in detail.

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