

# **BBA–05**

**December – Examination 2022**  
**BBA (Ist Year) Examination**  
**BUSINESS STATISTICS**  
**Paper : BBA-05**

*Time : 3 Hours ]*

*[ Maximum Marks : 70*

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

## **Section–A**

**7×2=14**

### **(Very Short Answer Type Questions)**

*Note* :- Answer all questions. As per the nature of the question delimit your answer in one word, one sentence or maximum up to **30** words. Each question carries 2 marks.

1. (i) What are the sources of primary data ?
- (ii) State four limitations of statistics.

- (iii) What is unbiased errors ?
- (iv) What is meant by magnitude of class interval ?
- (v) What is Mode ?
- (vi) What is discrete series ?
- (vii) What is Dispersion ?

**Section-B** **4×7=28**

**(Short Answer Type Questions)**

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

2. What is formula given by Bowley for measuring skewness ?
3. Define index number.
4. What is positive correlation ?
5. In which case two regression lines are identical ?
6. Explain sub-divided circular diagram.
7. What is double bar diagram ?
8. What is the method of semi-averages ?
9. Differentiate classification and tabulation.

**Section-C**

**2×14=28**

**(Long Answer Type Questions)**

**Note** :- Answer any *two* questions. You have to delimit your each answer maximum up to **500** words. Each question carries 14 marks.

10. "Statistics can prove any thing." Comment.
11. What is Lorenz Curve ? Where is it used ?
12. Discuss the method of correlation given by Karl Pearson.
13. Calculate co-efficient of correlation and determine the two regression lines :

X	15	27	27	30	34	38	46
F	12	15	15	18	18	22	26

Estimate the value of X corresponding to value 30 of Y.