



ADIKAVI NANNAYA UNIVERSITY :: RAJAHMAHENDRAVARAM
B.Com GENERAL Syllabus (w.e.f: 2020-21 A.Y)

MODEL QUESTION COURSE
B.Com DEGREE EXAMINATION
SEMESTER: III
GENERAL
Course 3B: Business Statistics

Time: 3Hrs.

Max. Marks: 75

Section-A

Answer any **FIVE** of the following questions.

5X5=25M

1. Classification of Data
2. Harmonic Mean
3. Range
4. Skewness
5. Correlation
6. Probable Error
7. Coefficient of Variation
8. Frequency Distribution

Section- B

Answer **FIVE** questions.

5X10=50M

9. a) Highlight the role and importance of statistics in business decision making in detail.

(OR)

- b) Briefly explain the nature and scope of Business Statistics.

10. a) What are the advantages and limitations of measures of central tendency?

(OR)

- b) Calculate Mean and Variance of the following Data.

Size	14	16	18	20	22	24	26
Frequency	12	13	14	15	13	12	16

11. a) Calculate quartile deviation and its coefficient from the following data :

C.I	0-10	10-20	20-30	30-40	40-50
F	5	7	10	5	8

(OR)

- b) Define standard deviation. Briefly explain advantages and limitations of standard deviation.

- 12.a) Given the following information, find the number of items (n) where $r_{xy} = 0.8$, $x\sum y = 2.5$, $\sigma_{xy} = 60$, $\sum 2 = 90$, where x and y are the deviations from the respective means.

(OR)

- b) Briefly explain the measures of skewness.

13. a) Calculate the co-efficient of correlation from the following data:

X	12	9	8	10	11	13	07
Y	14	8	6	9	11	12	3

ThroB.Comh Karl Pearson's method.

(OR)

- b) Explain various types of correlation.