

GAUHATI COMMERCE COLLEGE (AUTONOMOUS)

HOME ASSIGNMENTS

(For the Session- 2026)

B. Com 3rd Semester

MULTIDISCIPLINARY COURSE (MDC)

DEPARTMENT OF MATHEMATICS- STATISTICS

Subject: Business Statistics (MDC)

(Answer any one of the following questions)

Q: Discuss the different measures of central tendency used in business statistics. Also mention their merits, limitations and business applications. Mention the characteristics of an ideal measure of Central tendency.

Q: Explain the concepts of Random experiment, Sample space, Event, Mutually Exclusive Events and Independent Events. State and explain the addition law of probability. Explain the meaning and importance of probability in business decision-making.

Q: What is meant by correlation? Explain the different forms of correlation, including simple, multiple and partial correlation, and linear and non-linear correlation. Explain how a scatter diagram can be used to identify the direction and approximate degree of relationship between two variables.

Q: Explain the concepts of population, sample, parameter and statistic. Distinguish clearly between a census survey and a sample survey. Discuss the relative merits and limitations of Sample Survey over Census Survey.

Last date of submission: 5th October, 2026; the mode of submission of Assignments shall be communicated separately by the respective Departments