

Shree Narayana College of Commerce

Bachelor of Commerce

Semester – II

Subject Code – MDC STA(QTM)124

Academic Year – 2024-25

Subject – Quantitative Techniques for
Management

Unit-1: Descriptive Statistics-I

- Q-1 (a) Explain definition of Statistics and its application and limitation.
(b) Find Mean, median and mode from the following data.

Daily Wages in Rs.	20-30	30-40	40-50	50-60	60-70
No of workers	15	27	50	28	10

Unit-2: Descriptive Statistics-II

- Q-2 (a) Find the mean deviation and standard deviation of the following distribution:

Class	12	13	14	15	17	20	25
Frequency	10	18	20	25	15	10	2

- (b) Write down formula:
(1) Range, (2) Quartile Deviation, (3) Coefficient of Variation.

Q-3

Unit-3: Sampling Techniques

- (a) What is population & Sample study? Give difference between them.
(b) Define probability sampling and non-probability sampling. Explain types of probability sampling with illustration.

Unit-4: IKS and Probability

- Q-4 Explain following terms
(a) Mutually Exclusive
(b) Sample Space
(c) Probability
(d) Bay's Theorem
(e) Union of two events
(f) Event
(g) Random Experiment