

SHIVAJI COLLEGE, UNIVERSITY OF DELHI
DEPARTMENT OF ECONOMICS

Class Test-1

(Academic Year- 2023-24)

Name of the Course : SKILL ENHANCEMENT COURSE Semester: IVth
Name of the Paper : IT Skills and data analysis-1 Faculty Name: Ms. Kavita Yadav
Unique paper code : 3126000001
Duration : 1 hour Maximum Marks: 20
Date of Submission : 6th April'24

QUESTION: 1 (10 MARKS)

SAMPLE OF DAILY PRODUCTION IN YARDS OF 30 CARPET LOOMS

16.2	15.7	16.8	15.9	15.9	16.6
15.8	15.6	16.0	15.9	16.0	15.6
15.8	16.0	16.4	16.8	16.3	15.6
15.8	16.2	15.2	15.4	16.0	16.9
16.3	16.1	15.9	15.7	16.4	16.3

- What is a data array?
- What are the advantages and disadvantages of data arrays?
- Prepare a data array of these given daily production in yards of 30 carpet looms.

QUESITON: 2 (10 MARKS)

Hospital stay in days:	1–3	4–6	7–9	10–12	13–15	16–18	19–21	22–24
Frequency	18	90	44	21	9	9	4	5

- Calculate Standard deviation.
- Calculate Variance.
- Calculate coefficient of variance.

Kavita Yadav

