

SHIVAJI COLLEGE, UNIVERSITY OF DELHI
DEPARTMENT OF ECONOMICS
ASSIGNMENT
(Academic Year: 2023-24)

Name of the Course : BA Program Semester : VI
Faculty Name : Mr. Rahul Maximum Marks : 10
Date of Assignment : 3 May 2024 Date of Submission : 6 May 2024
Name of the Paper : Basic Computational Techniques for Data Analysis

Both questions are 5 marks each.

QUESTION-1

The sales targets achieved by 10 sales representatives of a company are summarized:

Sale Representatives	Sales
1	213000
2	489000
3	280000
4	396000
5	111000
6	379000
7	297000
8	306000
9	447000
10	383000

Calculate arithmetic mean, harmonic mean, geometric mean, median and mode, also interpret all your outcomes.

*you wouldn't be marked if you do not interpret the calculated outcomes.



QUESTION-2

The maximum temperature recorded for November in Delhi is stated next.

DAY	TEMP.(Celsius)	DAY	TEMP.(Celsius)	DAY	TEMP.(Celsius)
1	33	11	33	21	31
2	33	12	25	22	32
3	36	13	30	23	34
4	31	14	26	24	32
5	32	15	30	25	33
6	33	16	32	26	28
7	32	17	35	27	30
8	32	18	30	28	36
9	33	19	31	29	34
10	34	20	32	30	32

- A. Calculate all measures of central tendencies and comment on all the outcomes.
- B. Calculate all the measures of dispersions in also interpret all the outcomes.
- C. Calculate skewness and comment. Is the data skewed?
- D. Show the summary statistic for all the descriptive statistics.

Rahim