Name of the Course   : SKILL ENHANCEMENT COURSE   Semester: VIth

Name of the Paper   : Basic computational techniques   Faculty Name: Ms. Kavita Yadav

                      for data analysis

Unique paper code   : 62273601

Duration   : One Hour   Maximum Marks: 10

Date of Test   : 22nd April '24

QUESTION-1

The sales targets achieved by 10 sales representatives of p ltd. 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. (To be done in excel).

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

Kavita Yadav

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