



Progressive Education Society's
Modern College of Arts, Science & Commerce,
Ganeshkhind, Pune – 16, (Autonomous)

End Semester Examination (Under NEP 2020) March / April 2024

5. Define Residual analysis?
6. What are Scatter plots?
7. State the relation between Mean, Median, and Mode with Example,

Q3) Write short notes on the following (Attempt any 2/4)

[2 X 5 = 10]

1. Find Quartiles.

Marks (x)	0-10	10-20	20-30	30-40	40-50	50-60	60-70
No. of Students (f)	20	15	28	34	22	18	7

2. Explain Different methods of sampling techniques.
3. Find i) Standard deviation ii) Variance

Class (x)	6	8	10	12	14	16	18
Frequency (f)	2	5	6	7	11	8	3

4. Find Pearson's correlation coefficient.

Price	10	20	30	40	50	60	70
Supply	22	18	17	15	11	9	6

Q4) Answer the following (Attempt any 1/2)

[5 X 1 = 5]

1. Explain the Levels of measurement.
2. Find Mean, Median and Mode from the following data

Wages (x)	0-100	100-200	200-300	300-400	400-500	500-600	600-700
No. of Workers (f)	13	15	18	27	32	38	35
