

Name: _____

Bar Graph and Histogram

- 1) Find a frequency distribution and its corresponding frequency histogram by partitioning the following 35 test scores into five classes

75	65	73	54	86	93	77
67	86	50	72	75	68	95
84	58	85	75	77	90	62
88	74	55	87	70	60	83
71	91	66	76	79	89	97

- 2) Display in a histogram the following scores on an exam with 20 questions

X(correct answers)	9	10	12	13	14	15	16	17	18	19	20
F(students)	1	2	1	2	7	2	1	7	2	6	4

- 3) The table below shows the daily expenditure on food of 25 households in a locality.

Daily expenditure	Number of households
100 - 150	4
150 - 200	5
200 - 250	1
250 - 300	2
300 - 350	2

Display the data in a histogram

- 4) To find out the concentration of SO_2 in the air (in parts per million, i.e., ppm), the data was collected for 30 localities in a certain city and is presented below:

Concentration of SO_2 (in ppm)	Frequency
0.00 - 0.04	4
0.04 - 0.08	9
0.08 - 0.12	9
0.12 - 0.16	2
0.16 - 0.20	4
0.20 - 0.24	2

Display the data in a histogram.