

CHARUTAR VIDYA MANDAL'S
SEMCOM
Vallabh Vidyanagar
Assignment 2015-16 [SEM-III]

Subject: Business statistics-I
Class: B.COM. SEM-III

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Q. 1.

- a)** What is data? Write differences between primary and secondary data.
- b)** A random sample of 40 days gives the following information about the total number of people treated per day at a community hospital emergency room. (E.R)

Row data on the number of individual treated per day (E.R)									
40	35	46	6	13	50	60	27	36	30
8	46	53	17	35	23	24	12	40	38
26	37	28	28	31	29	30	28	30	29
21	46	22	19	20	30	31	30	31	41

Prepare a frequency table with classes 0-9, 10-19, 20-29, 30-39

Q. 2.

- a)** Find Median, Mode and Coefficient of variation (C.V.) of following frequency distribution.

Age Group	30-40	40-50	50-60	60-70	70-80	80-90	90-100
No. of Members	3	12	18	30	16	12	8

- b)** In the frequency distribution of 100 families given below. The number of families corresponding to expenditure groups 20-40 and 60-80 are missing from the table. However, the mean is known to be 50. Find the missing frequencies.

Expenditure:	0-20	20-40	40-60	60-80	80-100
No. of families	14	f_1	27	f_2	15