

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

Subject: Quantitative Technique-I
Class: BBA (ITM) SEM-III

Faculty Name: Bharat Tarapara

Q. 1.

- a)** What is primary data? Explain interview method of data collection.
- b)** What is secondary data? List out sources of secondary data.
- c)** Marks scored obtain by 46 students in a test paper are given below:
30 45 48 55 39 25 31 12 18 21 59 51 33 43 44 10 38 19 26 35 37 41 46 33
51 37 58 59 19 23 26 29 38 57 36 35 44 27 19 43 22 31 47 34 31 15
Prepare a frequency table with classes 10-19, 20-29, 30-39 ... and calculate the value of the arithmetic mean from the frequency table obtained.

Q. 2.

- a)** The weights of 54 college students are given in the following table. Find the mode, Median, 3rd Quartile and 6th decile of the distribution.

Weights (Kg)	60 – 64	65 – 69	70 – 74	75 – 79	80 – 84	85 - 89
No. of Students	5	9	16	12	8	4

- b)** If the median of the following frequency distribution is 38, find the missing frequencies of classes 30-40 and 50-60.

Class	10-20	20-30	30-40	40-50	50-60	60-70	70-80	Total
Frequency	42	38	f_1	54	f_2	36	32	400