

**QUESTION BANK**  
**BCA-V**  
**MATHEMATICS - V ( STATISTICAL METHOD)-504**

Q.1 What do you understand by graphical Presentation.? Describe its advantages and various forms.

Q.2 What do you understand by graphic location of median and mode.? What are the ways of showing them by graph.?

Q.3 What are the advantages and disadvantages of graphic Presentation of Data.?

Q.4 Calculate the orithmetric mean and mode from the following table.

Marks( less than)	80	70	60	50	40	30	20	10
No. student	50	45	40	30	16	10	7	3

Q.5 From the following data calculate the mediam and mode

Value	10-20,	10-30,	10-40	10-50	10-60	10-70	10-80
Frequency	9	21	49	85	127	159	182
Value	10-90	10-100					
Frequency	195	200					

Q.6 A company gives bonus to its employees on the following basis

Monthly basic	1000-1200	1200-1400	1400-1600	1600-1800	1800-200
Salary					
Bonus	500	600	700	800	900
Monthly Basic Salary	2000-2200	2200 and above			
Bonus	1000	1100			

Actual basic salary of the employees was as given below

2000 1800 1950 2180 1870 1600 2500 1680 1900 1680 1700 1780  
 1750 1400 1200 1480 1650 1550 1450 1250 1100 1620 1300 1500  
 1840

find out (a) the total Bonus Paid (b) The overage bonus paid per employee.

Q.7 Calculate mean and mediam fromthe following data

Wages	No. of Persons
Less than 8	5
Less than 16	12
8-24	29
More than 24	31
32-40	8
more than 40	19
more than 48	5

Q.8 Price of shares of B and C company are given below determine Shares of which company are more stable in price.

B.Co.	55	54	52	53	56	58	52	50	51	49
C.Co	108	107	105	105	106	107	104	103	104	101

Q.9 From the following data calculate standard Deviation and its coefficient.

Income	100-200	100-300	100-400	100-500	100-600
No. of Persons	15	33	63	83	100

Q.10 From the following data calculate mean deviation from mode :-

Marks (more than)	70	60	50	40	30	20
No. of Students	7	18	40	40	55	60

Q.11 From the following table compute the mean deviation from median

Marks	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45
No. of Candidate	10	16	32	24	18	19	5	1	

Dileep Jain