QUESTION BANK
MBA - I SEM.
105

(A) Questions of 1.5 Marks
(1) Define statistics . Discuss its Importances.
(2) Discuss the limitations of statistics.
(3) What is the object of statistics.
(4) Define Classification, Explain the purpose and methods of classification of data giving suitable examples.
(B) Questions of 2 Marks
(1) Prepare a discrete frequency table from the following extract taking number of letters in words as the variable and number of words as the frequency "Success in the examination confers no absolute right to appointment unless government is satisfied after such enquiry as may be considered necessary that the candidate is suitable in all respects for appointment to the public service.
(2) Explain cumulative frequency series with Example.
(3) Draw the lessthan and more than series from the following series.

Class :	0-10,	10-20,	20-30,	30-40,	40-50,	50-60,	60-70
F	5	12	20	30	18	12	3

(C) Questions of 3 Marks
(1) 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.2 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.3 A company gives bonus to its employees on the following basis

Monthly basic Salary	1000-1200	1200-1400	1400-1600	1600-1800	1800-200
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.4   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.5   Price of shares of B and C company are given below determine Shores ofwhichcompany 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.6   From the following data calculate standardDeviation and its coefficient.

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

Q.7   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.8   From the following table compete themean deviation from mediam

Marks	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45
Noof Candidate	10	16	32	24	18	19	5	1

Dileep Jain