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MAM - 202**Master of Applied Management (Dual Degree),****II Semester**

Examination, June 2016

Business Statistics*Time : Three Hours**Maximum Marks: 70*

- Note :** i) Attempt any five questions.
ii) All questions carry equal marks.

1. a) What is scope of statistics in management?
b) What are limitations and drawback of statistics, which result in distrust in statistics?

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2. a) Distinguish between primary and secondary data?
b) From the following data trace out the missing frequency, if the median is 27.5 and no of items is 50.

Marks	Frequency
0-10	4
10-20	?
20-30	20
30-40	?
40-50	7
50-60	3

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3. Find mean, median and mode of the following data.

Marks (x)	Students (f)
0-10	2
10-20	18
20-30	30
30-40	45
40-50	35
50-60	20
60-70	6
70-80	3

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4. In a paper of business statistics, five students obtained the following marks.

Roll no.	1	2	3	4	5
Marks	8	12	4	6	15

- Compute the mean deviation and quartile deviation of marks.

5. Calculate the Karl Pearson's correlation coefficient for the following data.

x	11	10	9	8	7	6	5
y	20	18	12	8	10	5	4

6. What is a sample? Explain the various methods of sampling during data collection.

7. Write short note on : **RGPVonline.com**

- a) Types of correlation.
b) Presentation of data

8. a) Explain method of forming a grouped frequency distribution.
b) Differentiate between Exclusive and Inclusive methods of constructing class intervals.
