

S.D.E.

M.B.A. (IT) SEM – II (2010 COURSE) (3 YEAR COURSE) :

WINTER - 2017

SUBJECT: DATA ANALYSIS FOR MANAGEMENT

Day: Saturday

Time: 02.00 P.M. TO 05.00 P.M.

Date: 16/12/2017

W-2017-4350

Max Marks: 70

N.B:

- 1) Attempt any **FOUR** questions from Section-I and any **TWO** questions From Section-II.
- 2) Figures to the right indicate **FULL** marks.
- 3) Both the sections should be written in **SEPARATE** answer books.
- 4) Use of non- programmable **CALCULATORS** is allowed.
- 5) Graph papers will be provided if **NECESSARY**.

SECTION-I

Q.1 Explain the techniques for data storage with illustrations. (10)

Q.2 For the following data, draw histogram and locate mode graphically. (10)

Profits (in 1000)	10-20	20-30	30-40	40-50	50-60
Number of companies	34	40	60	26	20

Q.3 Discuss in detail the different measures of dispersion. (10)

Q.4 At a call center, on an average there are 4 employees absent per week. Using Poisson distribution, find the probability that in the coming week there will be (10)

- a) No employee absent
- b) At least 3 absent

Q.5 Write short notes on **ANY TWO**: (10)

- a) Properties of normal distribution
- b) Ogive curves
- c) DBMS
- d) Data mining

SECTION-II

Q.6 Following is the performance in terms of price of two shares (in rupees) in the market over the last ten weeks (15)

Share X	78	82	76	65	68	71	70	68	72	80
Share Y	85	80	70	69	68	69	70	79	62	68

Compute arithmetic mean and coefficient of variation and comment on your results.

Q.7 Discuss the techniques for representation of data through diagrams and graphs giving advantage of each. (15)

Q.8 Explain any two methods of collecting primary data, giving merits and limitations of each. (15)