SMT.S.I.PATEL IPCOWALA COLLEGE OFCOMMERCE, PETLAD
M.COM SEM-1 INTERNAL TEST- FUNDAMENTAL OF STATISTICS
DATE: 04 -10-2017, Wednesday **TOTAL MARKS:40**

Que.1 Explain in details types of data. **(15)**

O.R

Que.1 Define Primary Data & which are the various methods of collecting Primary data? Expiain Direct Personal Interview Method in details.

Que.2 Give names of different Probability sampling method and explain any ONE in detail. **(15)**

O.R

Que.2 Explain types (or classification) of Business Forecasting.

Que.3 ATTEMPT ANY ONE: **(10)**

(1) Fit a straight line for the following data and forecast sale for the year 1996.

Year	1990	1991	1992	1993	1994	1995
Sale(In thousand units)	12	16	20	25	29	36

(2)Taking initial forecast 150 and α=0.25, obtain the forecast for the following data using Exponential Smoothing Method.

Year	1971	1972	1973	1974
Production(IN Lakh Rs.)	200	240	300	360

&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&