SMT.S.I.PATEL IPCOWALA COLLEGE OF COMMERCE,PETLAD

INTERNAL EXAMINATION - M.COM SEM 1

FUNDAMENTALS OF STATISTICS

DATE:20-09-2018, Thursday TIME:9-45 to 10-45 TOTAL MARKS:40

Que.1 (a) Explain in details types of data **(10)**

(b) What is mean by secondary data? which are the various sources for collecting secondary data? **(10)**

O.R

Que.1 (a) Explain in short 1. Chronological Classification 2. Geographical Classification 3. Qualitative Classification **(10)**

(b) write shortnote (Any one) **(10)**

1. Types of Table

2. Exploratory Data Analysis (E.D.A)

Que.2 (a) Give the properties of good sample. **(10)**

(b) Construct diagram using first three digits by Steam and Leaf Method **(10)**

1565,1852,1644,1766,1888,1912,2044,1812,1790,2008,1852,1967, 1954,1733,1679.

O.R

Que.2 Attempt any two: **(20)**

(1) Give names of different Probability sampling methods and explain any one in detail.

(2) Fit a straight line

Year	1990	1992	1994	1996	1998
Production	30	45	54	70	85

(3) Using method of exponential smoothing and taking initial estimate as 100 and œ= 0.4, prepare forecasts:

Time	1975	1976	1977	1978
Values	110	120	121	125

@@@