Statistics Practical Semester 2

Descriptive statistics. (Use Excel and SPSS)

Practical 1. Select the sample of size 500 from given data and construct the frequency distribution with

appropriate class Size.

Practical 2. Calculate all possible descriptive statistics from the selected sample Mean median mode standard

deviation coefficient of variation skewness kurtosis, Quartiles., interquartile range. Minimum value

maximum value number of observation range.

Practical 3. Use the data constructed in practical one. To present the given data in bar diagram, pie chart,

histogram and locate median and mode graphically.

Practical 4. Calculate central tendency dispersion skewness and kurtosis from the class interval constructed in

the practical one.

Practical 5. Present the given Data using box and whisker plot and also present the sample selected using box

and whisker plot according to different types of respondents separately,

Practical 6. Use the sample selected data and reselect the sample of size 50 from the Selected sample For

Respondent type one and present the data using steam and leaf plot.