SHIVAJI COLLEGE, UNIVERSITY OF DELHI

DEPARTMENT OF ECONOMICS

Continuous Assessment (Academic Year 2023-24)

Name of the Course: All B.A.(H)   Semester: 2

Name of the Paper: SEC IT Skills and Data Analysis – I   Faculty Name: Manisha Jayant

Maximum Marks: 20+20+20+20=80

Date of Continuous Assessment submission: 30.03.2024, 10.04.2024, 30.04.2024, 05.05.2024

Continuous Assessment 1: Q. Using RBI website (Statistics ---> Database on Indian Economy ---> Statistics ---> Real sector ---> Agriculture ---> choose data of 10 years on any variable visible), do on MS Excel or Google sheets

1. Descriptive Statistics

2. Boxplot (Insert --> recommended charts --> all charts --> box and whisker)

3. Find coefficient of correlation (r) for any two numerical variables.

Continuous Assessment 2:

Q1. Page 36 (Problems for Section 2.1) Do **Question 2.4**. "The Edmunds.com NHTSA Complaints Activity Report...."

Q2. Do **Question 2.8** A survey of 1,700 shoppers were asked, "Does social media influence your purchase decisions?"

Q3. Page 15. Do **Question 1.6** For each of the following variables, determine whether the variable....

Q4. Page 77. Do **Question 2.95 part (a) only** One of the major measures of the quality of service provided....

Continuous Assessment 3: Q. Make a questionnaire for undergraduate students (with respect to your own discipline), on how to choose GE, SEC, VAC subjects.

- What subjects chosen earlier and what to choose in next semester (ie Ist, IInd, IIIrd semester)
- Minimum 10 questions
- Keeping in mind whether the variable is categorical or numerical and its measurement scale.

Continuous Assessment 4: Q. Using RBI data sources create a case study of India. Using agriculture sector, show all the MS Excel topics covered in class.

Perform all possible MS Excel commands covered in Visualization and Representation: Alternative forms of summarizing and presenting data.

- All charts covered in class
- Explore variables on RBI website to create suitable charts
- Data organization and visual representation