PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BCom DEGREE EXAMINATION MAY 2024
(Sixth Semester)

Branch -- **COMMERCE (BUSINESS ANALYTICS)**

DATA ANALYTICS USING SPSS

Time: Three Hours   Maximum: 50 Marks

SECTION-A (5 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** marks   (5 x 1 = 5)

1.   When SPSS is first open At the top of the screen is a
     (i)   status bar   (ii) menu bar
     (iii) A & B   (iv) None of these

2.   SPSS also provides a toolbar for quick and easy access to ____tasks.
     (i)   common   (ii) complex
     (iii) simple   (iv) none of these

3.   A source variables list is a list of variables from the _____spreadsheet.
     (i)   data view   (ii) variable view
     (iii) Both (i)&(ii)   (iv) none of these

4.   SPSS provides a choice between displaying variable names or variable labels in the
     (i)   boxes   (ii) dialogue boxes
     (iii) Both (i)&(ii)   (iv) none of these

5.   In SPSS which command allows for editing the text.
     (i)   pivot table editor   (ii) table editor
     (iii) text output editor   (iv) none of these

SECTION - B (15 Marks)
Answer **ALL** Questions
ALL Questions Carry **EQUAL** Marks   (5 x 3 = 15)

6. a   How do you open a data file in SPSS?
                          OR
   b   Explain the advantages of SPSS.

7. a   Write a syntax for opening a data file.
                          OR
   b   Analyze the split file processing.

8. a   Explain the following terms mod and sqrt in spss.
                          OR
   b   Give short notes on datediff and datesum.

9. a   Enumerate the procedure of preparing the frequencies in spss.
                          OR
   b   How to plot graph in spss?

10. a Summarise the "regression analysis in spss".
                          OR
    b Explain one sample K-S test.

SECTION -C (30 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** Marks   (5 x 6 = 30)

11. a   Briefly explain various types of editors you get in SPSS?
    OR
   b   Explain importing and exporting data files.

12. a   Analyze the data transformation and its types.
    OR
   b   Discuss the selected cases sorting data.

13. a   Identify the following terms SD, sum and variance in spss.
    OR
   b   Point out the conversion and string in spss.

14. a   Briefly explain various diagrammatical representations using spss.
    OR
   b   Elaborate the reliability analysis.

15. a   Briefly bivariate, partial and multiple correlations.
    OR
   b   Explain two sample K-S test.

                    Z-Z-Z   END