17CBA29

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Exam Date & Time: 29-Sep-2020 (02:00 PM - 05:45 PM)

PSG COLLEGE OF ARTS AND SCIENCE

Note: Writing 3hrs: Checking & Inserting Image : 30mins

BCom DEGREE EXAMINATION MAY 2020
(Sixth Semester)

Branch - COMMERCE (BUSINESS ANALYTICS)

DATA ANALYTICS USING SPSS [17CBA29]

Marks: 75   **Duration: 210 mins.**

SECTION A

Answer all the questions.

1)	Write the use of SPSS.	(2)
2)	What is exporting file is SPSS?	(2)
3)	Write the command for sorting the data in SPSS.	(2)
4)	What is meant by the file processing in SPSS?	(2)
5)	How to open bar diagram wizard in SPSS?	(2)
6)	Write the tools of descriptive statistics in SPSS.	(2)
7)	Expand ANOVA and how to open ANOVA.	(2)
8)	How do we access correlation menu in SPSS?	(2)
9)	State the non-parametric tests available in SPSS.	(2)
10)	How to open chi-square test in SPSS?	(2)

SECTION B

Answer all the questions.

11)   Write the procedure for opening a chart wizard in SPSS.

(5)

a)

[OR]   Describe the method of importing and exporting files in SPSS.

b)   (5)

12)   Explain the procedure of split file processing in SPSS.   (5)

    a)
    [OR]   Describe the procedures of selecting cases and sorting data in SPSS.
    b)   (5)

13)   Explain the procedure of constructing a pie-chart in SPSS.

                                                                                                        (5)

    a)
    [OR]   Explain the procedure to conduct one sample t-test in SPSS.
    b)   (5)

14)   Describe the procedure to perform one-way ANOVA in SPSS.

                                                                                                        (5)

    a)
    [OR]   Describe how the linear correlation and partial correlation are calculated in SPSS.
    b)   (5)

15)   What is a non-parametric test? Also write the procedure to open non-parametric tests in
            SPSS.
                                                                                                        (5)

    a)
    [OR]   Explain the procedure of data reduction in SPSS.
    b)   (5)

SECTION C

Answer 3 out of 5 questions.

16)   Elucidate the procedure to open a data file, run an analysis and to view results in SPSS.   (10)

17)   Explain how to transform recode into same variables and recode into different variables
            in SPSS.   (10)

18)   Explain the procedures to perform independent samples t- test and paired t-test in SPSS.   (10)

19)   Describe the steps to perform linear regression analysis and multiple correlation
            analysis in SPSS.   (10)

20)   Illustrate the steps involved is performing one sample K-S test and two sample, K-S test
            in SPSS.   (10)

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