



# UNIVERSITY OF THE PUNJAB

Seventh Semester – 2019

Examination: B.S. 4 Years Program

Roll No. in Fig. ....

Roll No. in Words. ....

PAPER: Web Survey & SPSS

MAX. TIME: 15 Min.

Course Code: SOC-402 Part-I (Compulsory)

MAX. MARKS: 10

Signature of Supdt.: .....

Attempt this Paper on this Question Sheet only.

Please encircle the correct option. Division of marks is given in front of each question.

This Paper will be collected back after expiry of time limit mentioned above.

**Q.1. Encircle the right answer, cutting and overwriting is not allowed. (1x10=10)**

1. What is the advantage of using SPSS over calculating statistics by hand?
  - a. It equips you with a useful transferable skill.
  - b. It reduces the chance of making errors in your calculations.
  - c. Many researchers use SPSS as it is a recognized software package.
  - d. All of the above.
2. In SPSS, what is the "Data Viewer"?
  - a. A table summarizing the frequencies of data for one variable.
  - b. A spreadsheet into which data can be entered.
  - c. A dialog box that allows you to choose a statistical test.
  - d. A screen in which variables can be defined and labeled.
3. How is a variable name different from a variable label?
  - a. It is shorter and less detailed.
  - b. It is longer and more detailed.
  - c. It is abstract and unspecific.
  - d. It refers to codes rather than variables.
4. In which sub-dialog box can the Chi Square test be found?
  - a. Frequencies: Percentages
  - b. Crosstabs: Statistics
  - c. Bivariate: Pearson
  - d. Gender: Female
5. Functional components of a database system can be broadly divided into
  - a. 2 components
  - b. 3 components
  - c. 4 components
  - d. 5 components

**P.T.O.**

6. Data is moved between disk storage and main memory as needed, because of the
  - a. Efficiency
  - b. Storage space
  - c. Processing speed
  - d. Normalization
7. The strength (degree) of the correlation between a set of independent variables  $X$  and a dependent variable  $Y$  is measured by
  - a. Coefficient of Correlation
  - b. Coefficient of Determination
  - c. Standard error of estimate
  - d. All of the above
8. What test statistic is used for a global test of significance? <http://itfeature.com>
  - a. Z test
  - b. t test
  - c. Chi-square test
  - d. F test
9. If we reject the null hypothesis, we might be making
  - a. Type-I Error
  - b. Type-II Error
  - c. A correct Decision
  - d. Unpredictable
10. For  $t$  distribution, increasing the sample size, the effect will be on
  - a. Degrees of Freedom
  - b. The  $t$ -ratio
  - c. Standard Error of the Means
  - d. All Above



# UNIVERSITY OF THE PUNJAB

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**PAPER: Web Survey & SPSS**

**Course Code: SOC-402 Part – II**

**MAX. TIME: 2 Hrs. 45 Min.**

**MAX. MARKS: 50**

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**ATTEMPT THIS (SUBJECTIVE) ON THE SEPARATE ANSWER SHEET PROVIDED**

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**Q.2. Answer to the following short questions.**

**(4x5=20)**

- i. How can SPSS help me document my data?
- ii. How can I do ANOVA contrasts in SPSS?
- iii. How can I do a scatterplot with regression line in SPSS?
- iv. How do I test a group of variables in SPSS regression?

**Q.3. Answer to the following long questions.**

**(3x10=30)**

- (i) What are Web Survey and Data Storage? Explain its types, advantages and disadvantages.
- (ii) Explain the basic terminology of Data Storage in database.
- (iii) How would you use tables to structure forms? Elaborate with an example.