



# UNIVERSITY OF THE PUNJAB

Fifth Semester – 2019

Examination: B.S. 4 Years Program

Roll No. in Fig. ....

Roll No. in Words. ....

**PAPER: Research Methodology-I**  
**Course Code: GS-301 Part-I (Compulsory)**

**MAX. TIME: 15 Min.**  
**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. (10x1=10)**

1. Which of the following coefficients of correlation indicates the strongest relationship between two sets of variables?
  - a) -0.98
  - b) 0.90
  - c) 0.00
  - d) 1.20
  
2. The variable in which change occurs due to change in some other variable is called:
  - a) independent
  - b) dependent
  - c) extraneous
  - d) moderating
  
3. There will be NO significant difference between scores on a measure of achievement of high and low anxious students; is a hypothesis written in:
  - a. directional form
  - b. non directional form
  - c. null form
  - d. objective form
  
4. A rating scale in which antonyms are used at the two ends of the scale is called:
  - a) likert scale
  - b) bipolar scale
  - c) semantic differential scale
  - d) fixed sum scale
  
5. Piloting of a questionnaire should be done on the:
  - a) sample of study
  - b) sample from another population
  - c) small sample from the sample of the study
  - d) small sample from the population of the study

**P.T.O.**

6. Which one of the following technique can be helpful in developing good rapport with the interviewee:
  - a) funnelling technique
  - b) face to face interview
  - c) group interview
  - d) telephonic interview
  
7. "The female students will obtain high scores than the male students". The statement is an example of:
  - a) null hypothesis
  - b) research hypothesis
  - c) non-directional hypothesis
  - d) none of above
  
8. A researcher is interested to know the relationship between the scores on entrance test and the achievement tests. This is an example of:
  - a) descriptive research
  - b) survey research
  - c) correlation research
  - d) experimental research
  
9. When a null hypothesis is rejected, which one of the following hypothesis is essentially accepted:
  - a) Directional hypothesis
  - b) non directional hypothesis
  - c) research hypothesis
  - d) none
  
10. The analysis of data already collected by other researcher is referred to as:
  - a) surveying the literature
  - b) use of documents
  - c) secondary analysis
  - d) replication



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Fifth Semester – 2019

Examination: B.S. 4 Years Program

Roll No. ....

PAPER: Research Methodology-I

Course Code: GS-301 Part – II

MAX. TIME: 2 Hrs. 45 Min.

MAX. MARKS: 50

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

**Q.2. Questions with short answers.**

**(5 x 4 = 20)**

1. Distinguish between Qualitative and Quantitative Research.
2. Explain the need of review of related literature in conducting a research.
3. What is the difference between Independent variable and Dependent variable?
4. Write down the different rating scales used in Quantitative Research.
5. Define Validity and its importance in research study.

**Q.3. Questions with brief answers.**

**(3 x 10 = 30)**

1. Define Probability Sampling. Explain its types.
2. Explain the types of Hypotheses.
3. Write a detailed note on Survey Research.