



PAPER: Research Methodology  
Course Code: STAT-406 Part-I (Compulsory)

MAX. TIME: 15 Min.  
MAX. MARKS: 10

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)**

- i. Sampling is advantageous as it \_\_\_\_\_
  - a) Saves time
  - b) Saves money
  - c) Both (a) and (b)
  - d) Increase accuracy
- ii. Random sampling is helpful as it is \_\_\_\_\_
  - a) Reasonably accurate
  - b) Free from personal biases
  - c) An economical method of data collection
  - d) All the above
- iii. Survey research studies \_\_\_\_\_
  - a) Events
  - b) Population
  - c) Processes
  - d) Circumstances
- iv. Which of the following is NOT the characteristic of a research?
  - a) Research is systematic
  - b) Research is not passive
  - c) Research is not a process
  - d) Research is problem oriented
- v. The process of selecting the fractional part of a population is
  - a) universe
  - b) sampling
  - c) sample
  - d) fraction
- vi. When the sample is not related to the unit of the target population and involves personal judgment, it is called
  - a) disproportionate sampling )
  - b) proportionate sampling
  - c) probability sampling
  - d) non-probability sampling
- vii. Bibliography given in a research report:
  - a) has no relevance to research
  - b) shows vast knowledge of the researcher
  - c) helps those interested in further research
  - d) all the above
- viii. Which of the following is included in the main body of the report?
  - a) Bibliography
  - b) List of tables
  - c) Introduction
  - d) List of figures
- ix. Which one of the following principles is not applicable to sampling?
  - a) Sample units must be clearly defined
  - b) Sample units must be dependent on each other
  - c) Same units of sample should be used throughout the study
  - d) Sample units must be chosen in a systematic and objective manner
- x. The research is always -
  - a) exploring new knowledge
  - b) verifying the old knowledge
  - c) filling the gap
  - d) all of the above



# UNIVERSITY OF THE PUNJAB

Seventh Semester – 2019

Examination: B.S. 4 Years Program

Roll No. ....

**PAPER: Research Methodology**

**Course Code: STAT-406 Part – II**

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

**MAX. MARKS: 50**

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

**Q.2. Write short answers on the following questions.**

**(4x5=20)**

- a) Likert scale and Itemized Rating Scale
- b) Systematic Sampling
- c) Coverage and Measurement Error
- d) accuracy in survey

**Q.3. Explain ten steps for a successful survey.**

**(10)**

**Q.4. Write in detail about the essential components of good research proposal and what are the factors affecting the research design?**

**(10)**

**Q.5. What are various types of questions asked while conducting a research? Discuss their advantages and disadvantages?**

**(10)**