

Cutting, Overwriting, Erasing, Fluid painting and use of Lead Pencil will earn no marks.  
Write answer of the Question No.1 and 2 on this sheet and handover it to the supervisory staff of examination within first 35 minutes.

***Time Allowed: 35 Minutes***

***(OBJECTIVE PART)***

**Max. Marks: 22**

*Sign of  
Supdt.*

**1- a) Encircle the correct answer:**

 $1 \times 3$ 

- i) The correlation between intelligence test scores and grades is
  - a) Positive
  - b) Perfect
  - c) Negative
  - d) They are not correlated
- ii) “There is no relationship between higher motivation level and higher efficiency” is an example of which type of hypothesis?
  - a) Alternative
  - b) Co relational
  - c) Null
  - d) Research
- iii) In \_\_\_\_\_, the research attempts to control and/ or manipulate the variables in the study.
  - a) Experiment
  - b) Theoretical Framework
  - c) Hypothesis
  - d) Research design

**b) Encircle True or False.**

*1x4*

- i) Inductive scientific method often focuses on generating new hypotheses and theories. **TRUE / FALSE**
- ii) A challenge of qualitative data analysis is that it often includes data that are unwieldy and complex; it is a major challenge to make sense of the large pool of data. **TRUE / FALSE**
- iii) Network diagrams show only direct links between variables or events over time. **TRUE / FALSE.**
- iv) Experiments are not methods of data collection. **TRUE / FALSE**

**c) Fill in the blanks meaningfully:**

 $1x3$ 

- i) \_\_\_\_\_ is the evidence that the instrument, technique, or process used to measure concept does indeed measure the intended concepts.
- ii) \_\_\_\_\_ hypothesis is formulated by the researcher which suggests the nature of relationship i.e. the direction of relationship.
- iii) \_\_\_\_\_ approach is the strongest for establishing that a relationship is causal.

(Continued Overleaf)

**2- Give short answers of the following questions:**

2x6

i) Define Correlational Research.

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ii) What is Scientific Method?

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iii) What is the Classification of Research by Method?

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iv) What is a Survey Method?

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v) Define Alternate Hypothesis.

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vi) What is Content Analysis?

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**SUBJECTIVE PART**

- 3- Differentiate Probability and Non-Probability Sampling. 6, 6
- 4- What is the Importance of TIME PERSPECTIVE? Discuss Short Term and Long Term Perspective in detail. 6, 6
- 5- Write a comprehensive note on DATA COLLECTION TECHNIQUES. 12
- 6- What is VALIDITY? Discuss Research Setting. 2, 10
- 7- How QUANTITATIVE RESEARCH is different from QUALITATIVE RESEARCH? Discuss the Advantages of Qualitative Research. 6, 6
- 8- Write short notes on any Two of the following: 6, 6
- i) Control Group
  - ii) Independent Variable
  - iii) Scientific Theory