

**PH. D. IN VOCATIONAL EDUCATION
AND TRAINING (PHDVE)**

Term-End Examination

June, 2023

**RVE-04 : RESEARCH METHODOLOGY AND
STATISTICAL METHOD-I**

Time : 3 Hours

Maximum Marks : 100

Note : *All questions are compulsory. All questions carry equal marks.*

1. Describe research methodology in behavioral sciences with reference to inductive and deductive approaches. 20

Or

Discuss Phenomenological approaches in Social and Vocational Education research. 20

2. Discuss critical research process. What are the two ways in which the term structure is used in social research. 20

Or

Describe empirical research process. Explain the main features of empirical scientific research. 20

[2]

3. Discuss research tool and techniques used for data collection process. Give an illustration. 20

Or

Explain probability sampling method. Discuss its types with examples.

4. What do you mean by temporal and spatial data ? Examine the uses of Hausman test, for panel data. 20

Or

Describe the descriptive research method's steps and types used for VET research.

5. Answer any *four* of the following in about **150** words each : $5 \times 4 = 20$

- (a) Research problem
- (b) Design of experimental study
- (c) Critical paradigm
- (d) Primary data
- (e) Historical Research Method
- (f) Naturalistic Inquiry