

# Tantia University, Sri Ganganagar

Syllabus Entrance Examination for Ph.D.

**Subject- English**

**Maximum Marks-100**

**Part A- 50 (Research Methodology)**

**Part B- 50 (Subject Wise)**

## **PART-A**

### **Research Methodology and Statistics**

- UNIT 1: Meaning of Research  
Aims, nature and scope of research  
Prerequisites of research
- UNIT 2: Research Problem  
Meaning of research problem Sources of research problem  
Characteristics of a good research problem  
Hypothesis: Meaning and types of hypothesis. Research proposal or synopsis.
- UNIT 3: Types and Methods of Research  
Classification of Research  
Pure and Applied Research  
Exploring or Formulative Research  
Descriptive Research  
Diagnostic Research/Study  
Evaluation Research/Studies  
Action Research  
Experimental Research  
Historical Research  
Surveys  
Case Study  
Field Studies
- Unit 4: Review of Related Literature  
Purpose of the review. Identification of the related literature. Organizing the related literature.
- UNIT 5: Data Collection (Sampling) Sampling and Population Techniques of sampling Selection Characteristics of a good sample Types of data.
- UNIT 6: Tools of Data Collection  
Observation, Interview, Questionnaire, Rating scales, Attitude scales, Schedules, Characteristics of good research tools.
- UNIT 7: Statistics  
Concept of statistics, relevance in education, parametric and non-parametric data; graphical representation of data: histogram, frequency

polygon, ogive and pie chart; Measures of Central Tendency: concept, computation and interpretation; measures of variability: concept, computation and interpretation; normal probability curve: concept, application and interpretation.

Correlation: concept, computation and interpretation- Product Moment, Rank Order, Biserial, Point Biserial, Phi, Contingency, Tetrachoric; significance of mean: concept, computation and interpretation of significance of t-test (correlated and uncorrelated, matched, paired-unpaired, matching- paired); ANOVA (One way) : concept, computation and interpretation, regression and prediction; chi square: concept, computation and interpretation (equal and normal probability).

#### UNIT 8: Research Report

Format of the research report  
Style of writing the report  
References and bibliography

#### Reference books:

1. Best John W. and James Kahn, V., 1989, Research in Education, Sixth Edition, Prentice- Hall of India Pvt.Ltd, New Delhi.
2. Sharma R.A., 1992, Fundamentals of Educational Research, Loyal Book Depot, Meerut, UP, India.
3. Kulbir Singh Sidhu, 1990, Methodology of Research in Education, Sterling Publishers Pvt. Ltd., New Delhi.
4. Lokesh Koul, 1997 Methodology of educational Research, third edition, Vikas Publishing House Pvt. Ltd. , New Delhi.
5. Kothari C.R., 1990, Research Methodology Methods and Techniques, Wiley Eastern Limited, New Delhi.
6. Borg Walter R., Gall Meridith D., 1983, Educational Research an Introduction, Fourth Edition, Longman, New York & London.
7. Nitko Anthony J., 1983, Educational Tests and Measurement an Introduction, Harcourt Brace Jovanovich, Inc., New York.
8. Aggarwal Y.P., 1988, Statistical Methods Sterling Publishers Pvt. Ltd., New Delhi.
9. Garret Hnery E., 1985 Statistics in Psychology and Education, Viakils, Feffer and Simon, Bombay.
10. Guilford, J.P., and Benjamin Fruchter, 1982 Fundamentals of statistics in Psychology and Education, Fifth edition, Mc Graw-Hill Book Company, New York.
11. Gupta S.C. and Kapoor V.K., 1999, Fundamentals of Mathematical Statistics, Sultan Chand & Sons Educational Publishers, New Delhi.
12. Grewal P.S., Methods of Statistics Analysis, Sterling Publishers Pvt. Ltd., New Delhi.
13. Bruce W. Tuckman, Statistics in Psychology and Education.

## Part-B (Subject Wise)

### English

1. Multiple Choice Questions will be based on the critical history of English Literature emphasizing on the following ages :
  - (i) Age of Chaucer -
  - (ii) Age of Elizabeth -
  - (iii) The Puritan Age -
  - (iv) The Metaphysical Age -
  - (v) The Neo-Classical Age -
  - (vi) The Age of Transition ( The Age of the Pre-Romantics) -
  - (vii) The Romantic Age -
  - (viii) The Victorian Age -
  - (ix) The Twentieth Century Literature }
  - (x) Indo-Anglian & American Literature }
  
2. A Critical Study of Literary Theories -