



VIJAYANAGARA SRI KRISHNADEVARAYA UNIVERSITY

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Department of Studies in Education

SYLLABUS FOR Ph.D ENTRANCE EXAMINATION- 2019-20

Sub: Education

Part A: Research Methodology (40 Marks)

Marks: 8x5=40

Unit-1: Introduction to Educational Research

- 1.1 Meaning, Need, Importance and Scope of Educational Research
- 1.2 Types of Research – Basic, Applied and Action
- 1.3 Scientific Method in Educational research
- 1.4 Problem faced in Educational Research
- 1.5 Special Characteristics and steps
- 1.6 Qualities of Educational research

Unit – 2: Major Steps in Educational Research

- 2.1 Defining Research problem – Sources of research Problem
- 2.2 Study of Related Literature – Need, Sources, types – Preparation of abstracts
- 2.3 Criteria for selecting a Research problem, Statement of the Problem
- 2.4 Ethics of Educational Research
- 2.5 Variables in Educational Research – meaning, characteristics, types
- 2.6 Hypotheses in Educational Research – meaning, importance, characteristics, types and forms – formulation of hypotheses
- 2.7 Sampling in Educational Research-concept, need, significance sampling techniques / procedure, criteria for selection of sample
- 2.8 Research proposal – need, importance and format of research proposal. Collection of Data- analysis and interpretation of data.

Unit – 3: Methods of Research in Education

- 3.1 Historical Research – Sources, Criteria, Collection of Data, Historical Criticism and Interpretation of data.
- 3.2 Descriptive Research – Normative, survey, correlational, Casual and Comparative Studies, Case study, development Studies – nature, Uses, Steps, Collection and interpretation of data.
- 3.3 Experimental Research – Nature and significance, internal and external validity – Types – Experimental designs – single, Parallel and rotation Groups – variables and control of variables.
- 3.4 Expost Facto research – Concept, Characteristics, Conditions, Designing, Procedure, Advantages and limitations.

Unit – 4: Tools and Techniques of research in Education

- 4.1 Construction and Standardization of Tools and Tests in Educational Research.
 - 4.1.1 Questionnaire, Interview Schedule, Checklist, Rating Scale
 - 4.1.2 Tests Ability, aptitude and Achievement tests
 - 4.1.3 Attitude Scale – Thurstone or Likert Method
 - 4.1.4 Interview, Observation, Sociometric and Projective Techniques validity and reliability of the corresponding data.
- 4.2 Criteria for selecting a tool from available tools

Unit – 5: Research Report

- 5.1 Organization and Graphical representation of Data
- 5.2 Language and style of Presentation
- 5.3 Standard format of Thesis/dissertation (Research Report)
- 5.4 Chapterization, Indexing, Use of abbreviations, Footnote, Bibliography and Appendix
- 5.5 Characteristics of Good Research Report

SYLLABUS FOR PH.D ENTRANCE EXAMINATION

Sub: EDUCATION

Part B: Philosophy of Education (60 Marks)

Marks: 12x5=60

I Philosophical Perspectives of Education :

- a) Nature and Scope of Philosophical Education
- b) Epistemology and Education
- c) Axiology and Education
- d) Schools of Philosophy; Idealism and Pragmatism
- e) Globalization, Privatization and liberalization

II. Psychological Perspectives of Education :

- a) Schools of psychology; Behaviorism, Gestalt Humanism and Cognitivism
- b) Learning theories: Piaget's stages, Gagne's Cumulative Learning model, Asubels meaningful Verbal learning.
- c) Theories of intelligence; guiford 3 dimensional Model, Gardner's theory of multiple intelligence, Stenberg's triarchic theory of intelligence
- d) Creativity: Concept, characteristics and process, promotion of creativity
- e) Motivation, Achievement motivation, maslow's need theory of motivation

III Education system in India:

- a) Univeersalisation of elementary Education (UEE) in India; focus, objectives and structure.
- b) Experiments in school Education;
national open schools, jawahar navodaya vidyanayas, kendriya vidyalaya, morarji Desai Residenatial Schools
- c) Training of teachers;
Pre service B.Ed, D.Ed. In-service Training; Programmes Organised by DIET, DSERT, NCERT, and Special Projects-Sarvashiksha Abayan.
- d) Hgher Education;
Concept and its development, Higher Education through five year plans, recent trends; Academic Staff Colleges, Autonomous Colleges, Open and Distance learning, Deemed Universities.
- e) Evaluation in Education; Concepts of evaluation, Tools and Techniques of Evaluation.

IV. Teacher Education:

- a) Concept, functions, Scope; Structure of Teacher Education; D.Ed, B.Ed, M.Ed and BA.Ed.
- b) Objectives of Teacher Education; Pre Primary, Primary and Secondary.
- c) Agencies of Teacher Education; UGC, NCERT, NCTE, CASE, IASE, NUEPA and ICSSR.
- d) Teacher in Management; Managerial Skills, Communication, Manpower planning, classroom management and Extention Services
- e) Competency based teacher education: Concept, dimensions

V. Education Technology: .

- a) Concept of Educational Technology
- b) Approaches to E T; Scientific and Multisensory approaches
- c) Communication system; Meaning and Components of Communication
- d) Programmed Instruction: Concept, Principles and Stages
- e) Educational Technology and Computers: Meaning, types and Components of Computers, Role of Computers in Education

Marks weight age:

Sl. No	Subject	Number of questions (Objective with multiple options)	Marks
1.	Research Methodology	40	40
2.	Philosophical Perspectives of Education	12	12
3.	Psychological Perspectives of Education	12	12
4.	Education system in India	12	12
5.	Teacher Education	12	12
6.	Education Technology	12	12
	Total	100	100