

Ph.D. Entrance Test (PET)
Syllabus for Research Methodology (Part - 1) – 50 Marks

Sub-topics
Rationale of Research Research Problem Research Objectives Types of Research Fundamental, Applied, Action Quantitative/Qualitative
Primary Sources Secondary Sources Searching e-resources: Using search engines, searching databases Authenticity of e-resources Writing Literature Review
Identification of research problem Defining research problem
Types of research methods: Survey method Experimental method (variables, designs) Historical method Content Analysis Hypotheses: Meaning Types of Hypotheses Formulation of Hypothesis
Concepts of population, sample Sampling Techniques Probability Sampling techniques Non-Probability Sampling techniques

(Please add tools and techniques relevant in your field)

Primary Data Collection Secondary Data Collection

e.g. Questionnaire, interview schedule, focus groups etc.)

(Please add and elaborate tools and techniques relevant in your field)

e.g. statistical analysis techniques, qualitative analysis techniques, etc.

Title, Subtitle, Formatting etc.

Citation References Bibliography

Ethics in conducting research Copyright, Plagiarism Originality of research work
