

EDUCATION PET – 2023

Syllabus for Research Methodology (Part - 1) – 50 Marks

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

<p>Data Collection methods, tools and techniques (Please keep/add/edit relevant in your field)</p>	<p>(Please add tools and techniques relevant in your field) Primary Data Collection Secondary Data Collection e.g. Questionnaire, interview schedule, focus groups etc.)</p>
<p>Data analysis techniques (Please keep/add/edit relevant in your field)</p>	<p>(Please add and elaborate tools and techniques relevant in your field) e.g. statistical analysis techniques, qualitative analysis techniques, etc.</p>
<p>Report Writing/ Documentation</p>	<p>Title, Subtitle, Formatting etc. Citation References Bibliography</p>
<p>Research ethics</p>	<p>Ethics in conducting research Copyright, Plagiarism Originality of research work</p>
