

Details of the Test and Syllabus

Paper		No. of Questions	Max Marks
Section-I	Research Methodology	50	50 Marks
Section-II	UGC NET/CSIR Syllabus	50	50 Marks

PAPER -1 RESEARCH METHODOLOGY **Rural Studies**

What is research?, need for research, quality of research, logical reasoning, test for intelligence, ethics in research – plagiarism, types of research, basic and applied technology, searching research topic, steps to pursue research, research and mankind. graphical presentation of data, measures of central tendency and dispersion, probability, standard deviation, correlation, regression, sampling methods, and test of hypothesis Review of literature, Hypothesis and variables, Defining research problem, Research Design, Various Design of agricultural and Animal Husbandry experimentation, Sampling design, Sampling methods, Principles of field experiments, Method of data collection, Processing and Analysis of data Sampling Fundamentals Techniques of Data Collection (1) Observation :- Meaning –Characteristics – Utilities – Limitation (2) Interview Technique :- Meaning –Characteristics – Utilities – Limitation (3) Questionnaire Technique :- Meaning –Characteristics – Utilities – Limitation (4) Case Study Technique :- Meaning –Characteristics – Utilities – Limitation Instruments of social research Questioner, Visit, Observations, Scaling and Measurements etc. Research Report : Meaning – Stages – Important aspects – Utilities