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| **Govt. College Kheri Gujran Faridabad**  Name of Assistant Professor : DR .ARUN KUMAR  Class:–M.A 2nd semester  Subject: - Research Designs and Statistics in Psychology  Lesson Plan For Weeks: 18  Week 1  UNIT I Measurement: Nature, History, Functions and Levels.  Week 2  General Problems and Sources of Errors inMeasurement.  Week 3  Research Designs: Nature, Characteristics, Types and Functions.  Week 4  UNIT II Experimental Designs: Between Subjects Designs;  Week 5  Within Groups Designs and Mixed Designs.  Week 6  Significance of Mean Difference: Independent and Dependent Groups.  Week 8  Analysis of Variance: One way and Two way ANOVA for Separate Groups.  Week 9  UNIT III Quasi Experimental Designs: One Group Designs;  Week 10  Non-Equivalent Groups Designs and Time Series Designs.  Week 11  Non-Parametric Statistics: Mann-Whitney U-Test; Wilcoxen Matched Paired Test  Week 12  Chi-Square; A-Test andKruskal Wallis H-Test.  Week 13 as holi  Week 14  UNIT IV Qualitative Research: Qualitative versus Quantitative Research.  Week 15  Qualitative Data: Nature and Types. Approaches for Qualitative Data Analysis. Mixing Methods: Quantitative and Qualitative Combined.  Week 16  Qualitative and Mixed-Methods Data Collectionand Analysis.  Week 17  Benefits and Challenges of Mixed-Methods Research.  Week 18  Revision with previous years question papers.  Note: - Assignment will be given to students time to time. |