ALLAMA IQBAL OPEN UNIVERSITY, ISLAMABAD
(Department of Agricultural Sciences)

Course: Research Methods (2504) **Semester: Autumn, 2012**
Level: M.Sc Forestry Extension **Total Marks: 100**
Pass Marks: 40

ASSIGNMENT No. 1
(Unit 1–5)

Note: All questions are compulsory.

Q.1 Discuss the main characteristics of research. Why you need to do research? Is there any relation between theory and research? Explain? (20)

Q.2 Describe the benefits of selecting problems before doing research. How many types of research design can be applied to analyze scientific observations? (20)

Q.3 Discuss the basic stages involved in preparing a research design. (20)

Q.4 Define the term observation. Illustrate the merits of observational methods and how could you analyze observational data? (20)

Q.5 How many types of interviews can be conducted by the researcher? Briefly discuss the issues associated in designing an interview study. (20)

ASSIGNMENT No. 2
(Unit 6–9)

Total Marks: 100 **Pass Marks: 40**

Note: All questions are compulsory.

Q.1 Differentiate between content analysis and secondary analysis. Discuss the key steps involved in doing content analysis with your own words. (20)

Q.2 Discuss the basic design of program monitoring along with three different evaluations i-e effort, process and treatment evaluation. (20)

Q.3 Enlist five main types of impacts. Explain several advantages and disadvantages of using survey methods conducted by social impact researcher. (20)

Q.4 Define cross tabulation and contingency tables required for analyzing data. How would you explain testing relationships between variables? (20)

Q.5 What do you mean by analysis? Explain briefly three basic issues in writing any research based proposal. (20)