



**NATIONAL OPEN UNIVERSITY OF NIGERIA  
FACULTY OF AGRICULTURAL SCIENCES  
FIRST SEMESTER 2020\_1 EXAMINATION**

**Programme: Agricultural Extension and Management**

**Course Code: AEM 772**

**Course Title: Research Methods and Statistics**

**Credit Unit: 2**

**Total Score: 70 Marks**

**Time Allowed: 3 Hours**

**Instruction: Answer questions one (1) (25marks) and any other three (3) Questions (15marks) each.**

- 1a Explain using 6 examples the meaning of social research **(6marks)**.
- b. Provide suggestions for preparing comprehensive research report **(10marks)**
- c. Explain using the different types of hypothesis **(9marks)**
  
2. Suggest the relationship between Qualitative Research and Quantitative Research **(15marks)**
  
3. What are the points that will guide the researcher in identification of research problems? **(15marks)**.
  
4. Provide abroad sequence of contents of a comprehensive research report **(15marks)**.
  
5. Explain using ten (10) instances the guidelines for questionnaire design **(15marks)**
  
6. Explain using ten(10) instances what Ex-post-facto-research is all about **(15marks)**