

**National Open University of Nigeria**

**Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja**

**Faculty of Science**

**APRIL/MAYS, 2019 EXAMINATIONS**

**COURSE CODE: ESM 304**

**COURSE TITLE: Research Methods and Field Trip**

**CREDIT: 3 Units**

**TIME ALLOWED: 02:30 Hours**

**Instruction:** Attempt question number ONE (1) and any other THREE (3) questions

1. Discuss the major content of the following aspect of research
2. Abstract **(5 marks)**
3. The introduction **(5 marks)**
4. Literature review **(4 marks)**
5. Methodology (**4 marks)**
6. Results **(4 marks)**

**Total=22 marks**

1. Attempt a classification of research into three perspectives **(4 marks x 3=12 marks)**
2. How important are the following?
3. The Choice of Technique **(3 marks)**
4. Environmental analysis **(3 marks)**
5. Likely problems encountered **(3 marks)**
6. Identification of spurious relationships **(3 marks)**

**Total=12 marks**

4. a. Explain the general characteristics of environmental research/study **(4 marks)**

b. Why is the location of the study important? **(4 marks)**

c. Why is the calendar of events during the study important? **(4 marks)**

5. Explain the following procedure;

a. Sampling design and procedure **(6 marks)**

b. Data collection instrument or schedule **(6 marks)**

**Total = (12 marks)**

6. Identify the things to do with the proposal when the research is completed **(12 marks)**