



**NATIONAL OPEN UNIVERSITY OF NIGERIA  
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS  
SCHOOL OF EDUCATION  
MAY/JUNE 2012 EXAMINATION**

**EDU323: BASIC RESEARCH IN EDUCATION (2 CR)**

**TIME ALLOWED: 2 Hours**

**INSTRUCTION(S):** ANSWER ANY **THREE** QUESTIONS. EACH QUESTION CARRIES EQUAL MARKS.

1. (a) Most undergraduate education students face a lot of difficulties in getting research problems. Briefly discuss FIVE sources through which you could identify research problems as an education student.  
(b) Explain THREE main criteria for problem selection in educational process.
2. (a) (i) Differentiate between validity and reliability  
(ii) Explain THREE main types of validity  
(b) Describe FIVE methods of ensuring the reliability of a research instrument.
3. (a) List NINE steps you would follow in order to review literatures when carrying out a research.  
(b) Discuss FIVE ethical considerations in educational research.
4. (a) Explain FOUR threats to internal validity of an experimental research design.  
(b) Observation is one of the key methods of data collection during research. Discuss FIVE problems that are peculiar to this technique of data collection.