



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

MBA 725/825 Research Design & Methodology (2 CR)  
Time Allowed: 2 HOURS

Instruction: Attempt any three questions of your choice. Each question carries 23.3 marks. Present your answer legibly and logically using relevant examples.

1. (a) Explain the fundamental importance of validity in the choice of Research Design.  
  
(b) Mention and discuss briefly types of Research Validity.  
(c) Itemize types of Research Design you have studied.
2. (a) Examine the following Research concepts
  - i. Variables
  - ii. Hypotheses  
(b) Differentiate between constant and variable in a Research Process.  
(c) List three characteristics of a Researchable Hypothesis
3. (a) How does internal Research proposal differ from an external Research proposal?  
  
(b) Enumerate the activities necessary in a scientific Research Process. Explain why they are important.  
(c) Why is it advisable for a Research to embrace Research ethics?
4. (a) Mention and explain three objectives of a business research proposal.  
(b) Write a brief note on the following:
  - i. Chi - square method
  - ii. Tests of Hypotheses
  - iii. The Z - Statistic
  - iv. Quantitative variable
5. (a)
  - i. List three characteristics of a good research question.
  - ii. List three characteristics of a good questionnaire.
  - iii. List three sources of hypotheses.
  - iv. List three qualities of a good hypothesis.  
(b) Discuss the following:

- i. Histogram
- ii. Frequency polygon
- iii. Pie - chart
- iv. Qualitative variable