NATIONAL OPEN UNIVERSITY OF NIGERIA
14/16 AHMADU BELOW WAY, VICTORIA ISLAND, LAGOS
SCHOOL OF MANAGEMENT SCIENCES
JUNE/JULY, 2013 EXAMINATIONS

Course Code: BUS825   Credit Units: 2-Credit
Course Title: Research Design & Methodology
Time Allowed: 2 HOURS
Instructions: 1. Attempt question number one (1) and any other two (2).
                      2. Question number 1 is compulsory and carries 30 marks while
                      The other 2 questions carry 20 marks each.
                      3. Present all your points in coherent and orderly manner.

1(a).Explain the fundamental importance of validity in the choice of Research Design.
(b). Mention and discuss types of Research Validity.
(c).Itemize types of Research Design you have studied.
(d).Consider a population size of N = 1000, with a sampling error of   10%.What will be the required sample size, using the famous Taro Yamane's formula?
2(a). Examine the following Research concepts
Variables
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