

DEPARTMENT OF EDUCATIONAL FOUNDATIONS AND COUNSELLING

FACULTY OF EDUCATION

OBAFEMI AWOLOWO UNIVERSITY, ILE-IFE

2013/2014 HARMATTAN SEMESTER EXAMINATION

EFC 755 - ADVANCED RESEARCH METHODS II

INSTRUCTION: ANSWER ALL QUESTIONS DURATION: 3 HOURS

1. Give detailed discussion on why control and experimental groups should not be called "groups"
2. As a researcher, how would you increase the validity of your research through multiple control groups?
3. (a) Give a detailed description of the different types of error the experimenter can make
(b) what are the possible outcomes of statistical decisions?
4. with the aid of a table, give detailed description of threats to internal, external and construct validity of a research under the following column headings:
 - i. Type of validity
 - ii. Major sources of problems
 - iii. Mistake to avoid
 - iv. Examples of problems in the real life