

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA

SCHOOL OF INFORMATION AND COMMUNICATION TECHNOLOGY

FIRST SEMESTER FINAL 2012/2013 EXAMINATION

[CIT 415 INTRODUCTION TO SCIENTIFIC RESEARCH WRITING AND METHODOLOGY]

SECTION A

Answer ALL questions in this section.

1. Under what circumstances would you outsource part of a system development effort? Describe the process and tool that will enable you do so properly and efficiently.
2. Briefly describe the different steps involved in a research process.
3. Write short notes on:
 - a. Characteristics and criteria of a good research project
 - b. Objectives of research
 - c. Research financial source
 - d. Research sample design and types
4. Explain the methods you may employ during the collection of primary data for a research.
5. What ethical issues may surround research participants in terms of respondents? Discuss other ethical considerations that may relate to the researcher during a research.

SECTION B

In this Section, choose and prepare a one-paged write up on ONE of the Thesis statements below. Make sure you use at least 4-5 transitions to bridge/link your thought lines on your chosen topic.

1. *"Changes in climate and the melting of ice at the aquatic regions can be attributed to the effects of pollution created by industries in developed countries".*
2. *"The level of corruption in Nigeria's Electoral System explains the nonchalance and incompetence exhibited by individuals when they get elected into offices".*
3. *"The constant encroachment of the Sahara desert is attributable to ad-hoc modernization programs of the government, and not to the life-patterns of the nomads"*