

FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI.
DEPARTMENT OF TRANSPORT MANAGEMENT TECHNOLOGY
2012/2013 HARMATTAN SEMESTER EXAMINATIONS
TRP 403: RESEARCH METHODS IN TRANSPORT STUDIES.
DATE: 4TH MARCH, 2013 TIME: 9AM – 12NOON
INSTRUCTION: ANSWER FOUR QUESTIONS, INCLUDING QUESTION FIVE

QUESTION ONE

Discuss four formal reasons why one may have to embark on transport research.

QUESTION TWO

Explain the following components of a research report:

- a. Background to the study
- b. Scope of the study
- c. Objectives
- d. Significance

QUESTION THREE

- a. Distinguish between research literature and conceptual literature.
- b. What risks are involved in designing and executing a research without first reviewing literature?

QUESTION FOUR

Assume that your project supervisor has prescribed a topic for you to research on. In not less than three pages, analyze the tasks which you consider to be necessary elements of your research methodology.

QUESTION FIVE

XYZ Transport Ltd., Owerri operates scheduled passenger services. A FUTO TMT student on "SIWES" with the company once logged the departure delays to its coaches and later found that they gave an average value higher than what the company declared in its advertisement.

- a. Postulate a suitable hypothesis for testing in this regard.
- b. What items of data are required for the test, and in what unit should they best be measured?
- c. State one assumption required by the test.

QUESTION SIX

- a. State two advantages of the computer in relation to analysis of research data.
- b. Explain how you would operate the computer in order to obtain information on QSTOL aircraft.

