



FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF INFORMATION AND COMMUNICATION TECHNOLOGY
DEPARTMENT OF INFORMATION AND MEDIA TECHNOLOGY

FIRST SEMESTER 2018/2019 EXAMINATION

COURSE CODE: *IMT* MCT 431
COURSE TITLE: MEDIA TECHNOLOGY RESEARCH
CREDIT UNITS: 2
TIME ALLOWED: TWO HOURS
COURSE LECTURER: JUDE TERNAKUR, PhD
NUMBER OF QUESTIONS: 5
NUMBER OF PAGES: 2

INSTRUCTIONS

- Answer question one and any two others
- Do not use red pen
- Please use a clear handwriting
- This exam is closed book, closed notes, closed laptop and closed cell phone
- Please use non-programmable calculators only



IMT 431, First Semester 2018/2019 Examination

1. (a) State a research topic in the field of media technology.
(b) From the topic stated in 1. (a) above:
 - (i) State two (2) objectives
 - (ii) State two (2) research questions
 - (iii) State two (2) hypotheses. Each of the two hypotheses should be stated in null and alternative forms.
2. Advance five points to justify the need for literature review in a study.
3. Explain the various steps involved in conducting media technology research.
4. (a) Explain any three (3) characteristics of true experimental design.
(b) With clear examples, explain any three (3) differences between true experimental design and quasi experimental design.
5. Write notes on all of the following as they relate to media technology research:
 - (a) Ethnographic research design
 - (b) Sample size determination
 - (c) Descriptive hypothesis
 - (d) Methodological reviews
 - (e) Applied research