FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA

SCHOOL OF INFORMATION AND COMMUNICATION TECHNOLOGY

DEPARTMENT OF INFORMATION AND MEDIA TECHNOLOGY

SECOND SEMESTER 2016/2017 EXAMINATION

COURSE CODE:	MCT 323
COURSE TITLE:	INTRODUCTION TO RESEARCH METHODS IN MEDIA TECHNOLOGY
CREDIT UNITS:	2
TIME ALLOWED:	TWO HOURS
COURSE LECTURER:	JUDE TERNA KUR, PhD
NUMBER OF QUESTIONS:	4
NUMBER OF PAGES:	2

INSTRUCTIONS

- Answer all questions
- 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

MCT 323, Second Semester 2016/2017 Examination

1. (a) State a research topic in the field of media technology.

   (b) From the topic stated in 1. (a) above, formulate two objectives, two research questions, and two hypotheses 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. Write notes on all of the following terms as they relate to media technology research:

i. Research design
ii. Research problem
iii. Simple random sampling
iv. Validity of research instrument
v. Applied research