



MURANG'A UNIVERSITY OF TECHNOLOGY

SCHOOL OF EDUCATION

DEPARTMENT OF EDUCATION

UNIVERSITY ORDINARY EXAMINATION

2018/2019 ACADEMIC YEAR

**FIRST YEAR FIRST SEMESTER EXAMINATION FOR, PHD IN
TECHNOLOGY EDUCATION**

TCR 800 – ADVANCED RESEARCH METHOD

DURATION: 2 HOURS

DATE:

TIME:

Instructions to candidates:

1. The examination paper consists of five questions, candidates are to attempt any four questions
2. You are not allowed to write on this examination question paper.

QUESTION ONE (25 MARKS)

Discuss the role of philosophy in research

QUESTION TWO (25 MARKS)

Mr. Njoroge a beginning PhD student at one of the public universities in Kenya was asked by his supervisor to conduct a review of literature in order to develop an understanding of his area of study. Mr Njoroge conducted the review and submitted the assignment to the supervisor. Upon assessing mr. Njoroge's work, his supervisor was utterly disappointed and described Mr. Njoroge's assignment as poor. Mr Njoroge was deeply disturbed and did not know what to do. Mr. Njoroge needs help out of this situation. You as a PhD student at Murang'a University of Technology

1. Explain to Mr. Njoroge any **five** possible areas that his review of literature failed (10 marks)
2. Discuss any **five** ways Mr Njoroge's review of literature could be improved (15 marks)

QUESTION THREE (25 MARKS)

- a. Discuss the importance of sampling in a research project (10 marks)
- b. Distinguish between quantitative and qualitative sampling (15 marks)

QUESTION FOUR (25MARKS)

Mr. Odhiambo a second year PhD student at a private university in Kenya was doing a study on the relevance of the African traditional education to modern Luo society. So he decided to conduct an interview within ethnography as a theoretical perspective to guide his investigation.

Mr. Odhiambo was a great friend and a distance relative of his area chief Mr. Okumu. So Odhiambo and Okumu worked out a strategy on how they could involve the village elders in his study but did not intent to reveal his identity or rather details and the purpose of his study to the elders. Instead he wanted it to appear like it was a chief's baraza topic of discussion. It is also important to point out here that Odhiambo did not seek research clearance from his university ethical committee prior to meeting with elders. During the meeting Mr. Odhiambo was introduced to the elders by the chief as a facilitator for that day but never indicated he was both a student and a young researcher. The purpose of the discussion was never made clear to the participants.

During the meeting Odhiambo decided to video record the event using a garget without the permission of the elders and the chief for that matter

The meeting commenced at 10 a.m. and ended at 3 p.m. and was well attended and elder's participation and interaction was superb. But Odhiambo never arranged for lunch or any refreshment so the participants stayed without food for the whole day. Some of them could have been diabetes or any other medical condition and Odhiambo put their lives at risk

However, all worked well and at the end the chief thanked the elders for their participation and Odhiambo for his facilitation. And everybody left for their various destinations.

Odhiambo was much excited for that day's outcome and went back a very happy person. He later on processed the data and used the findings for his thesis project. He also processed the photos from the video and used some of them in the appendix of the thesis and made reference to them in the text. Below each photo he identified the participants including Mr. Okumu (the area chief) and the area where the study was conducted

As a PhD student at Murang'a university of technology

- a. Explain any **five** ethical principles that Odhiambo's study violated (15 marks)
- b. Discuss any **five** ethical considerations that Odhiambo's study could have considered in this case (10 marks)

QUESTION FIVE (25 MARKS)

With reference to PhD programme,

- a. Discuss any **five** benefits of time management (15 marks)
- b. Explain any **five** essentials time management skills that is required (10 marks)