



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2017/2018

**FIRST SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF PUBLIC
HEALTH (OCCUPATIONAL HEALTH AND SAFETY, AND ENVIRONMENTAL
HEALTH)**

HEH 800: GENERAL RESEARCH METHODOLOGY

DATE: Tuesday, 6th February 2018

TIME: 2.00p.m-5.00p.m

INSTRUCTIONS:

Attempt question ONE and any other THREE questions

1. (a) Describe the steps involved in conducting research (30marks)

(b) Describe qualitative research types providing examples and giving advantages and disadvantages in each case. (20marks)
 2. (a) Explain how you can use stratified sampling to sample your population for your research project. (15marks)

(b) What are the principal reasons for using stratified random sampling rather than simple random sampling. (15marks)
 3. (a) Explain why depth interview is preferred compared to other methods of data collection. (15marks)

(b) Explain key considerations that can be used to exclude certain populations in participating in a study intended to investigate the health seeking behavior for malaria. (15marks)
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4. (a) Discuss the advantages and disadvantages of using case studies as a method of data collection. (15marks)
- (b) Explain the criteria used to determine if secondary data is an appropriate methods of data collection. (15marks)
5. Explain the guidelines that can be used to design a good questionnaire (30marks)
6. (a) Describe the steps you will follow to test a research hypothesis (15marks)
- (b) State various sources of error in interview surveys during determination of incidence and prevalence measurements. (15marks)