



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY  
SCHOOL OF HEALTH SCIENCES**

**UNIVERSITY EXAMINATION FOR DEGREE OF MASTER PUBLIC HEALTH**

**1<sup>ST</sup> YEAR 1<sup>ST</sup> SEMESTER 2019/2020 ACADEMIC YEAR**

**SPECIAL EXAMINATIONS NOV. 2020**

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<b>COURSE CODE:</b>	<b>HMP 5115</b>
<b>COURSE TITLE:</b>	<b>Research Methods</b>
<b>EXAM VENUE:</b>	<b>STREAM:</b>
<b>DATE:</b>	<b>EXAM SESSION:</b>
<b>TIME:</b>	<b>3.00 HOURS</b>

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**Instructions:**

1. Answer Question One (Compulsary) and any other 3 questions
2. Candidates are advised not to write on the question paper.
3. Candidates must hand in their answer booklets to the invigilator while in the examination room.

## **QUESTIONS**

1. Explain how a descriptive study is useful for formulation of a research hypothesis study  
(15 marks)
2. Describe a quasi-experimental design, and discuss its limitations and application in public health?  
(15 marks)
3. Discuss steps of scientific enquiry, providing relevant study design for each step.  
(15 marks)
4. Ethical approval is a important process in research, explain steps and provide an outline of a consent form.  
(15 marks)
5. Explain how you would determine the sample size for a descriptive study with the population less than 10,000.  
(15 marks)
6. Describe a stakeholder analysis and discuss power and leadership analysis (15 marks)