

**MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY**

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**University Examinations 2015/2016**

FIRST YEAR, FIRST SEMESTER EXAMINATION FOR THE DEGREE OF MASTER IN PUBLIC HEALTH AND MASTER OF SCIENCE

**HPM 5111: ADVANCED RESEARCH METHODOLOGY IN HEALTH**

**DATE: NOVEMBER 2015 TIME: 3 HOURS**

**INSTRUCTIONS:** *Answer question* ***one*** *and any other* ***three*** *questions*

**QUESTION ONE (30 MARKS)**

1. Describe the various study designs (8 Marks)
2. Talk about institutional collaborations in research. (6 Marks)
3. Name three risks and three benefits derived from doing health research (6 Marks)
4. Discuss intellectual property rights in research. (5 Marks)

**QUESTION TWO (10 MARKS)**

Discuss in details “Declaration of Helinski”. (10 Marks)

**QUESTION THEE (10 MARKS)**

Discuss in details what you understand by “Analytic Study Designs”. (10 Marks)

**QUESTION FOUR (10 MARKS)**

Describe various sampling techniques. (10 Marks)

**QUESTION FIVE (10 MARKS)**

Explain what you understand by clinical trials. Give many examples. (10 Marks)