JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR THE DIPLOMA IN COMMUNITY HEALTH AND DEVELOPMENT

2nd YEAR 1ST SEMESTER 2018/2019

KISUMU CAMPUS

COURSE CODE: HDC 2211

COURSE TITLE: INTRODUCTION TO RESEARCH METHODOLOGY

EXAM VENUE: **STREAM**

DATE: 12/08/19   **EXAM SESSION: 2.00 – 3.30PM**

TIME: 1.30 HOURS

Instructions:

1. **Answer all questions in section A and any other 2 questions in Section B.**

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**

SECTION A: ANSWER ALL THE QUESTIONS FROM THIS SECTION (30 MKS)

1. Define the following terms as used in research (4 mks)

a) Randomness

b) Research problem

c) Dissemination

d) Socio-demographic questions

2. State three features of a scholarly article (3 mks)

3. State three characteristics of cohort studies (3 mks)

4. State three benefits of conducting interviews in research (3 mks)

5. Enumerate on three features of non-probability samples (3 mks)

6. List five stages in a timeline section of a proposal (5 mks)

7. State three reasons for carrying out pilot studies (3mks)

8. State two ways of presenting categorical variables in research (2 mks)

9. State three reasons for carrying out literature review (3 mks)

10. State one characteristics of quantitative research (1 mk)

SECTION B: ANSWER ANY TWO (2) QUESTIONS FROM THIS SECTION (30MKS)

1. Describe case control as a study design in research studies (15 mks)

2. a) Discuss on the use of a questionnaire as a data collection tool (8 mks)

   b) Discuss on the case report (7 mks)

3. Describe method you would use in selecting study participants from the population. The selected method should ensure that the samples chosen are a representative of the population (15 mks).

4. The role of the ethical committee is to ensure that the rights of the study participants are protected. Discuss on the principles embodied in the Belmont report (15 mks)