



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**SCHOOL OF HEALTH SCIENCES**

**UNIVERSITY EXAMINATION FOR THE DIPLOMA IN COMMUNITY HEALTH AND  
DEVELOPMENT**

**1<sup>ST</sup> YEAR 1<sup>ST</sup> SEMESTER 2018/2019 ACADEMIC YEAR**

**KISUMU CAMPUS**

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**COURSE CODE: HDC 2211**

**COURSE TITLE: INTRODUCTION TO RESEARCH METHODOLOGY**

**EXAM VENUE: STREAM**

**DATE: 23/4/19 EXAM SESSION: 9.00 – 10.30AM**

**TIME: 1 ½ HOURS**

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**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 IN THIS SECTION (30 MARKS)**

1. Define the following terms as used in research (3 mks)
  - a) Referencing
  - b) Anonymity
  - c) Participant
2. State two characteristics of descriptive research (2 mks)
3. Differentiate between research methods and research methodology (2 mks)
4. State three characteristics of simple random sampling (3 mks)
5. State two characteristics of a good hypothesis (2 mks)
6. State three purposes of literature review in research (3 mks)
7. State two reasons for using samples in research studies (2 mks)
8. State three characteristics of longitudinal studies (3 mks)
9. Differentiate between nominal scale and interval scale of measurement (3 mks)
10. State two ways of presenting data in descriptive statistics (1mk)
11. Name any two non-probability sampling techniques (2 mks)
12. Calculate the mean and the median of the following data set (4 mks)

| Time to eat | Frequency |
|-------------|-----------|
| 1-10        | 8         |
| 11-20       | 14        |
| 21-30       | 12        |
| 31-40       | 9         |
| 41-50       | 7         |

**SECTION B: ANSWER ANY TWO QUESTIONS FROM THIS SECTION (30 MARKS)**

1. Discuss the components of the research process (15 mks)
2. Briefly describe the contents of a research report (15 mks)
3. Briefly discuss on the ethical considerations in research (15 mks)
4. Discuss on one qualitative and one quantitative method of data collection (15 mks)