

**MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY**

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**University Examinations 2015/2016**

THIRD YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN FOOD SCIENCE AND NUTRITION

**AFN 3326: NUTRITION SURVEYS**

**DATE: NOVEMBER 2015 TIME: 2 HOURS**

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

**QUESTION ONE (30 MARKS)**

1. Differentiate between:
2. Discrete and continuous data. (2 Marks)
3. Nominal and ordinal data. (2 Marks)
4. Qualitative and quantitative data. (2 Marks)
5. Explain the merits and demerits of secondary data. (3 Marks)
6. Briefly discuss the following methods of data collection giving an advantage and disadvantage:
7. Random. (2 Marks)
8. Stratified random. (2 Marks)
9. Cluster. (2 Marks)
10. Systematic. (2 Marks)
11. Briefly elaborate on the factors to consider when wording the questionnaire. (4 Marks)
12. Explain the main measures of dispersion. (6 Marks)
13. Briefly explain the purpose of data collection. (3 Marks)

**QUESTION TWO (20 MARKS)**

1. Discuss the process of conducting a survey. (14 Marks)
2. Explain on the key chapters in report writing. (6 Marks)

**QUESTION THREE (20 MARKS)**

1. Discuss the steps used in qualitative data analysis. (8 Marks)
2. Discuss various ways in which qualitative and quantitative data can be presented. (12 Marks)

**QUESTION FOUR (20 MARKS)**

1. Discuss the various stages in the selection of a sample. (14 Marks)
2. Use the data provided to calculate:
3. Mean. (1/2 Marks)
4. Mode. (1/2 Marks)
5. Median. (1/2 Marks)
6. Range (1/2 Marks)

20,19,20,20,19,18,19,17,18,18,19,21,23

1. Discuss the general principals of designing a table of results in a report writing.(4 Marks)