



MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

P.O. Box 972-60200 – Meru-Kenya.

Tel: 020-2069349, 061-2309217. 064-30320 Cell phone: +254 712524293, +254 789151411

Fax: 064-30321

Website: www.must.ac.ke Email: info@mucst.ac.ke

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)

- a) Differentiate between:
- (i) Discrete and continuous data. (2 Marks)
 - (ii) Nominal and ordinal data. (2 Marks)
 - (iii) Qualitative and quantitative data. (2 Marks)
- b) Explain the merits and demerits of secondary data. (3 Marks)
- c) Briefly discuss the following methods of data collection giving an advantage and disadvantage:
- (i) Random. (2 Marks)
 - (ii) Stratified random. (2 Marks)
 - (iii) Cluster. (2 Marks)
 - (iv) Systematic. (2 Marks)
- d) Briefly elaborate on the factors to consider when wording the questionnaire. (4 Marks)
- e) Explain the main measures of dispersion. (6 Marks)
- f) Briefly explain the purpose of data collection. (3 Marks)
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QUESTION TWO (20 MARKS)

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

QUESTION THREE (20 MARKS)

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

QUESTION FOUR (20 MARKS)

- a) Discuss the various stages in the selection of a sample. (14 Marks)
- b) Use the data provided to calculate:
 - (i) Mean. (1/2 Marks)
 - (ii) Mode. (1/2 Marks)
 - (iii)Median. (1/2 Marks)
 - (iv)Range (1/2 Marks)

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

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