



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.mucst.ac.ke Email: info@mucst.ac.ke

University Examinations 2013/2014

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

AFN 2305: FOOD AND NUTRITIONAL SURVEILLANCE

DATE: DECEMBER 2013

TIME: 2 HOURS

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

QUESTION ONE (30 MARKS)

- a) Define the following terms: (5 Marks)
- Trigger levels
 - Long-term nutrition monitoring
 - Evaluation of programme impact
 - Timely warning and intervention systems
 - Survey
- b) List the specific objectives of nutritional surveillance. (5 Marks)
- c) Discuss the steps for the initial assessment that are conducted before a system of nutritional surveillance can be designed. (5 Marks)
- d) Discuss the uses of nutritional surveillance systems. (5 Marks)
- e) Describe the causes of malnutrition among a given population. (5 Marks)
- f) List the most common indicators used in nutritional surveillance and as defined in nutrition in preventative medicine. (5 Marks)

QUESTION TWO (20 MARKS)

Discuss the relation of health, nutrition, and basic needs to different national development strategies. (20 Marks)

QUESTIONTHREE (20 MARKS)

Name and explain the actions to improve nutrition and related data requirements. (20 Marks)

QUESTION FOUR (20 MARKS)

- a) State and discuss the various health and nutrition programmes and services aimed at addressing nutritional issues. (10 Marks)
- b) Discuss the reasons why nutrition programmes have had a less well established role in addressing the nutritional issues. (5 Marks)
- c) Give suggestions that the health and nutrition programmes needs to take account of in targeting and appropriateness of possible programme options if the problem is to be tackled successfully. (5 Marks)