



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2015/2016

**FIRST YEAR FIRST SEMESTER EXAMINATIONS FOR THE
DEGREE OF MASTER OF SCIENCE IN COMMUNITY
NUTRITION AND DEVELOPMENT**

CITY CAMPUS

PCN 811: NUTRITION IN DEVELOPING COUNTRIES

Date: 25th April, 2016

Time: 9.00 - 12.00 noon

INSTRUCTIONS:

- This paper is made up of three (3) sections, A, B, and C
- Section A has 10 marks and is composed of True/False questions and Multiple Choice Questions (MCQs)
- Section B has 10 marks and is composed of Short Answer Questions (SAQs)
- Section C has 40 marks and is composed of Long Answer Questions (LAQs)
- Answer ALL questions in sections A in the spaces provided in the question paper
- Answer any TWO (2) questions in section C in the answer booklet provided.

ANSWER SHEET FOR (TRUE/FALSE) QUESTIONS

Answer all the questions in this section in the answer sheet provided below

REG. NO _____
COURSE CODE AND TITLE _____
SECTION _____

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1		
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10		

SECTION A (20 MARKS)

ANSWER ALL QUESTIONS IN THIS SECTION

Indicate with a tick, whether the following statements are true/false (10 Marks)

- MCQ1. Micronutrient malnutrition is very common and important form of child malnutrition in developing countries
- MCQ2. Kwashiorkor could be cured by skimmed milk.
- MCQ3. Failure to thrive (FTT) is always the result of inadequate dietary intake.
- MCQ4. Low birth weight is an indirect measurement of nutrition.
- MCQ5. Stunting may result from long-term nutrition problems that existed before an emergency.
- MCQ6. There is a 17% chance of a child getting obese as an adult if obese in childhood.
- MCQ7. Buggy pants are folds of skin on the stomach and buttocks during wasting.

MCQ8. Approximately 50 percent of all anaemia can be attributed to iron deficiency.

MCQ9. Primary deficiency is due to some underlying factors.

MCQ10. Absorption of iodine can be reduced by vegetables like cabbage that contain goitrogens.

SECTION B (10 Marks)

Answer all the questions in this section in the answer booklet provided.

SAQ11. State **FOUR (4)** causes of death among underfives globally. **(2 marks)**

SAQ12. Outline the information derived from a 24 hour dietary recall. **(2 marks)**

SAQ13. State **THREE (3)** causes of obesity. **(3 marks)**

SAQ14. State the key points that may be drawn from the conceptual model of the causes of malnutrition. **(3 marks)**

SECTION C (40 MARKS)

Each question in this section carries TWENTY (20) MARKS. Answer any TWO (2) question in the answer booklet provided.

SAQ15. A child presents with the severe wasting, oedema, dermatitis, vitamin A deficiency and stunting, discuss each of the symptoms. **(20 marks)**

SAQ16. Discuss the third Sustainable Development Goal (SDG), explaining its link with nutrition and health. **(20 marks)**

SAQ17. (a) Mention **FOUR (4)** functions of iodine. **(4 marks)**

(b) Explain **FOUR (4)** types of deficiencies of iodine. **(8 marks)**

(c) Discuss **THREE (3)** strategies to control iodine deficiency. **(6 marks)**

(d) State **FOUR (4)** sources of iodine. **(2 marks)**