



2nd SEM. 2016/17

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FNS 206 (M)

**UNIVERSITY OF SWAZILAND
DEPARTMENT OF FOOD AND NUTRITION SCIENCES
FINAL EXAMINATION PAPER**

**PROGRAMME : BACHELOR OF SCIENCE IN FOOD
SCIENCE, NUTRITION AND
TECHNOLOGY AND CONSUMER
SCIENCE YEAR II**

COURSE CODE : FNS 206

TITLE OF PAPER : COMMUNITY NUTRITION

TIME ALLOWED : TWO (2) HOURS

**INSTRUCTIONS : ANSWER QUESTION ONE (1) AND ANY
OTHER TWO (2) QUESTIONS**

**DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN
GRANTED BY THE CHIEF INVIGILATOR**

QUESTION 1 COMPULSORY

- (a) Community nutritionists can plan an effective nutrition education program using one or a combination of models. The foundations of a successful community nutrition program are set at the conceptualization and planning phase.

Review the steps and types of decisions that need to be made when developing a community nutrition program.

(17 marks)

- (b) Describe the ABCDs of nutritional assessment.

(23 marks)

[TOTAL MARKS = 40]

QUESTION 2

- (a) List two biochemical tests that you could use to measure protein and iron status, and discuss the consequences of inadequate intake of these nutrients.

(16 marks)

- (b) Discuss the advantages and disadvantages of the use of 24 hour recall and food frequency questionnaires.

(14 marks)

[TOTAL MARKS = 30]

QUESTION 3

(a) What are the causes of hunger and malnutrition worldwide?

(15 marks)

(b) What role can community nutritionists play in the prevention of hunger and malnutrition?

(15 marks)

[TOTAL MARKS = 30]

QUESTION 4

(a) Describe specific objectives of a Nutritional surveillance system.

(10 marks)

(b) Discuss the importance of a Nutritional Care Plan.

(10 marks)

(c) The diet transition in the developing world seems to be accelerating. What can food policy do to redirect the diet transition toward healthier outcomes.

(10 Marks)

[TOTAL MARKS = 30]