

UNIVERSITY OF SWAZILAND
FINAL EXAMINATION PAPER 2005
FACULTY OF HEALTH SCIENCES

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PROGRAMME: **DIPLOMA IN ENVIROMENTAL HEALTH
SCIENCE YEAR 11**

COURSE: **HSC 201**

TITLE OF PAPER: **NUTRITION**

TIME ALLOWED: **TWO (2) HOURS**

INSTRUCTIONS: **ANSWER ALL QUESTIONS**

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QUESTION 1

In the body nutrients do not function in isolation; their activities are integrated and interrelated. Discuss nutrient interrelationships under the following categories:

- a) Protein-Energy Interrelationships
- b) Amino Acid Interrelationships
- c) Amino Acid-Vitamin Interrelationships
- d) Vitamin Interrelationships
- e) Vitamin-Mineral Interrelationships

5 x 5 = [25]

QUESTION 2

Discuss how energy is extracted from the food we eat.

[25]

QUESTION 3

- a) Define weaning
- b) Discuss Infant Feeding Options in the context of HIV

(5)

(20)

[25]

QUESTION 4

- a) Define Protein-Energy Malnutrition.
- b) List and describe four (4) methods you would use to assess the nutritional status of communities.

(5)

(20)

[25]