

**UNIVERSITY OF KWAZULU-NATAL
SCHOOL OF AGRICULTURAL SCIENCES & AGRIBUSINESS
DISCIPLINE OF DIETETICS & HUMAN NUTRITION
SUPPLEMENTARY EXAMINATION: JUNE 2013
SUBJECT, COURSE & CODE: NUTRITION 343 – P1**

DURATION: 3 HOURS

TOTAL MARKS: 120

**External Examiner: Mrs J. Wilkenson
Internal Examiner: Mrs A. van Onselen**

NOTE: THIS PAPERS CONSISTS OF THREE (THREE) PAGES (WHICH INCLUDE AN APPENDIX A), PLEASE SEE THAT YOU HAVE THEM ALL.

INSTRUCTIONS

- **PLEASE ANSWER ALL QUESTIONS.**
 - **PLEASE WRITE YOUR STUDENT NUMBER ON EACH ANSWER BOOKLET.**
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QUESTION 1

The South African National Food Consumption Survey (NFCS) (1999) identified the need for food fortification in South Africa.

- 1.1 List the most commonly foods eaten by children (6-71months) as identified by the NFCS (1999) and the micronutrients used for fortification in South Africa (11)
- 1.2 Discuss the criteria for food fortification vehicles (5)
- 1.3 Discuss why monitoring is important in food fortification (4)

[20]

QUESTION 2

Discuss how the following policies have an impact on nutrition:

- (a) Health policies
- (b) Agricultural policies
- (c) Economic policies
- (d) Environmental policies
- (e) Population policies and Urbanisations policies (5x4marks each) [20]

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QUESTION 3

It came under your attention that the Department of Health in KwaZulu-Natal is planning to stop the supplementation of Vitamin A in the province to reduce costs. Write an advocacy campaign to address this issue. [25]

 **QUESTION 4**

You have been asked to present a talk to a group of health professionals at East Boom Street Clinic Health Centre on the Integrated Nutrition Program (INP). Explain what information you will discuss to explain the purpose, key performance areas and strategies of the INP and the importance of a public health policy and describe the characteristics of a good policy [25]

QUESTION 5

You have received a letter from the department of Social Work (Appendix A) and are asked to conduct a nutrition situation assessment (NSA). Providing practical examples for each step you will follow and explain how you would execute the NSA. [20]

QUESTION 6

Illustrate the UNICEF Conceptual Framework for determine the causes of under nutrition in children. [10]

TOTAL 120

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Appendix A

20 May 2013

From: Department of Social Work

To: Department of Nutrition

Dear Ms Dietitian/Nutritionist

We have been conducting a project in the rural areas in Pietermaritzburg under HIV- positive women. During the interviews with the women we have recognized that 70% of them only consume one meal per day and a third of these women were either pregnant or breastfeeding.

Our department is addressing the low income situation and we need a nutrition situation assessment done which could contribute to our final report to the director of health in addressing the situation of these HIV-positive women.

Your co-operation will mostly be appreciated.

Kind regards.

Ms Social Worker
Income Building 1
Social Grant Street 100
Pietermaritzburg
Tel: 033 394 000