



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF BACHELOR OF SCIENCE (FOODS, NUTRITIONAL AND DIETETICS)

HFN 400: COMMUNITY NUTRITION ASSESSMENT AND SURVEILLANCE

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DATE: TUESDAY 3RD APRIL 2012

TIME: 11.00 A.M. – 1.00 P.M.

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INSTRUCTIONS

Answer ALL questions

1. Explain at least four methods of assessing community problems. (8 marks)
2. In each case describe at least three underlying and immediate causes of malnutrition among under fives in the community. (6 marks)
3. Define early warning system and describe at least its two components. (6 marks)
4. Define surveillance and explain at least five roles of community surveillance . (6 marks)
5. Describe at least three anthropometric indicators used to assess nutrition status of children and adults. (6 marks)
6. Interpret the following nutrition status and suggest appropriate action in each case. (8 marks)
 - i) $< -3SD$
 - ii) $< -2SD$ to $> -3SD$
 - iii) $> -2SD$ to $< -1SD$
 - iv) MUAC of 11.3 cm

- v) BMI 35 to 40
 - vi) 78% to 88% percentile
 - vii) Edema is present
 - viii) GAM < - 2
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- 7. Describe at least four groups of people vulnerable to nutritional deficiencies in the community. (8 marks)
 - 8. Explain at least two reasons for community nutrition assessment. (2 marks)
 - 9. Discuss the three forms of community assessment including at least two common indicators for each described form. (10 marks)
 - 10. After doing nutrition assessment in Wazo community, you realize that there are high rates of PEM accompanied with vitamin A and iron deficiencies. Discuss at least five nutrition based interventions you would implement in Wazo community to alleviate the identified problems. (10 marks)