



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS

SPECIAL/SUPPLEMENTARY EXAMINATIONS
FOURTH YEAR EXAMINATION FOR THE AWARD OF THE DEGREE
BACHELOR OF SCIENCE IN FOODS, NUTRITION AND DIETETICS
SECOND SEMESTER, 2021/2022
(JULY, 2022)

FOND 427: NUTRITION IN EMERGENCIES

STREAM: Y4 S2

TIME: 2 HOURS

DAY: WEDNESDAY, 8:00 – 10:00 A.M.

DATE: 20/07/2022

INSTRUCTIONS

- 1. Do not write anything on this question paper.**
- 2. Answer ALL questions in section A and any TWO from section B.**

SECTION A:

QUESTION ONE

- a) Explain the nutritional status reflected by each of the following:
- i. Weight-for-height-2.5z scores for under-fives
 - ii. Weight-for-height-1.8z scores for under-fives
 - iii. Weight-for-height 67% of the median for under-fives
 - iv. Weight-for-height 101% of the median for under-fives
 - v. BMI 17.75 for women
 - vi. MUAC 24cm for pregnant women **3marks**
- b) Describe the role and mandate of the following two organisations involved in humanitarian response in disasters
- i) The international federation of the red cross and red crescent societies **3marks**
 - ii) UNHCR **3marks**
- c) Explain the mortality cases of concern in emergencies **4marks**

QUESTION TWO

- a) Explain how the minimum standards of targeting and participation are achieved in emergencies **4marks**
- b) Explain the significance of safe human excreta disposal in emergency settings **2marks**

- c) Explain why proper drainage in emergency settlements is of major concern. **3marks**
- d) Explain the significance of rapid assessments in major emergencies. How is it executed? **4marks**

QUESTION THREE

- d) Nutrition in emergencies is encompassed with many challenges. Explain any four such challenges **4marks**
- e) Explain the major challenges in management of relief food **3marks**
- f) Explain the rationale for the general food ration in disaster situations **3marks**
- g) Explain effectiveness and timeliness as used in early warning systems **4marks**

SECTION B

QUESTION FOUR

Community based therapeutic care (CTC) is now becoming very useful in emergency settlements.

- a) Discuss the strengths of this approach in the rehabilitation of severely malnourished children **7marks**
- b) Discuss the major components of CTC **8marks**

QUESTION FIVE

You are a dietician officer for a humanitarian relief agency in Lodwar. Part of the humanitarian response of your organization is selective feeding programme.

- a) Explain the justification for the Supplementary Feeding Programmes, SFPs and Therapeutic Feeding Programmes, TFPs **4marks**
- b) Highlight the criteria for admission and discharge in
- i) SFP **3marks**
- ii) TFP **3marks**
- c) Explain how you do monitoring and evaluation of the supplementary feeding programme **3marks**
- d) Under what circumstances is the wet ration preferred to the dry ration? **2marks**

QUESTION SIX

Nutrition surveys are an integral part of nutrition activities in disaster situations.

- a) Discuss the significance of these surveys **5marks**
- b) Explain why ENA for SMART is the preferred methodology for conducting nutrition surveys over the two stage 30x30 cluster methodology **6marks**
- c) Discuss the main challenges encountered in carrying out nutrition surveys **4marks**