



AMREF INTERNATIONAL UNIVERSITY
UNIVERSITY EXAMINATIONS
SEPTEMBER – DECEMBER 2026 SEMESTER
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
MASTER OF PUBLIC HEALTH

COURSE CODE: MPN 719 **COURSE TITLE: NUTRITION IN EMERGENCIES**
DATE: XXXXXXXX
TIME: Three Hours **Start: XXXX Finish: XXXXX**

Instructions

1. This exam is out of 100 marks
2. The **first question** is compulsory
3. Answer an additional **three (3)** questions from the other **five (5)**
4. The exam shall take 3 hours

COMPULSORY QUESTION ONE (25 MARKS)

Question One

- a. Explain the **FOUR** components of Community-Based Management of Acute Malnutrition (CMAM)? **(4 Marks)**
- b. Explain the **FOUR** advantages of dry ratio **(4marks)**
- c. Differentiate between the following feeding methods
 - i) Targeted supplementary feeding and Blanket supplementary feeding **(4 marks)**
 - ii) Supplementary feeding and therapeutic feeding **(4 marks)**
- d. Distinguish the **THREE** steps to follow to assess Bilateral Pitting Edema? **(3 marks)**
- e. Explain the **THREE** phases recommended for hospital-based care for Severe Acute Malnutrition (SAM)? **(6 marks)**

ANSWER THREE OF THE FOLLOWING FIVE QUESTIONS

Question Two

(25 Marks)

Kenya continues to experience recurrent droughts, floods, disease outbreaks, and localized conflicts that increase the risk of food insecurity and malnutrition among vulnerable populations. As a humanitarian nutrition coordinator, you have been tasked with developing a comprehensive nutrition response for an affected county. Describe **FIVE** nutrition and feeding programmes that you would implement to prevent and manage malnutrition among vulnerable populations. For each programme, explain: The objectives of the programme, the eligibility or admission criteria, the type of food or nutritional products provided, the target beneficiaries, how the programme contributes to improving nutritional outcomes.

Question Three

- a) Discuss FIVE initiatives that can help improve standards and accountability in emergencies (15marks)
- b) Describe the FOUR Humanitarian Principles which Provide a Framework for Response (15marks)

Question Four

Discuss the Roles and Responsibilities of the following stakeholders in emergencies

- a) United Nations High Commissioner for Refugees (UNHCR) (5 Marks)
- b) World Food Programme (WFP) (5 Marks)
- c) United Nations Children's Fund (UNICEF) (5 Marks)
- d) World Health Organization (WHO) (5 Marks)
- e) Food and Agriculture Organization (FAO) (5 Marks)

Question Five

- a) Describe the importance of carrying out a rapid nutrition assessment in emergency situations? (5 Marks)
- b) In emergency situations like humanitarian crises or disasters, there is a need for rapid assessment of nutritional status using anthropometric measurements. Discuss **FOUR** key anthropometric measurements used in emergencies, including their cutoff values and the nutritional information they reveal? (20 Marks)

Question Six

- a) Describe **FIVE** categories of vulnerable groups among displaced populations, elucidating the specific challenges faced by each group in accessing humanitarian aid and support during emergencies. (15 Marks)
- b) Discuss **FIVE** reasons for targeting during emergencies (10 Marks)