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# DMI-ST. EUGENE UNIVERSITY

ZAMBIA

DEGREE EXAMINATION – DECEMBER 2023

Semester: VIII  
Time: 3:00 Hours

357FP003 NUTRITION IN EMERGENCIES

Max. Marks: 100

Answer any FIVE Questions (5 x 20 = 100 Marks)

1. a) In line with the objectives of the Food and Nutrition commission of Zambia in the context of nutrition in emergencies, outline the program activities. **(8 Marks)**  
b) Discuss the roles of a nutrition Officer in disaster situations. **(12 Marks)**
2. a) Clearly explain where secondary data could be sourced from whilst conducting an initial rapid nutrition assessment of an affected population, outline the importance of secondary while analyzing primary data. **(8 Marks)**  
b) Briefly explain nutrition indicators used to analyse the nutrition status of a population. **(8 Marks)**  
c) Give the formula used to calculate Z-scores and explain each of the components in the formula. **(4 Marks)**
3. a) Discuss when to implement a Therapeutic feeding program, the criteria for admission and when to close. **(10 Marks)**  
b) Give a general description of the various feeding programs that could be administered in emergency situations. **(5 Marks)**  
c) Compare and contrast between Take home rations and Onsite Rations. **(5 Marks)**
4. a) Outline the key elements necessary for ensuring equitable distribution of food. **(6 Marks)**  
b) Examine the functions and responsibilities of beneficiary distribution committees. **(4 Marks)**  
c) Imagine you're tasked with planning a food distribution in a disaster. Describe the fundamental principles to ensure a general food distribution. **(10 Marks)**
5. a) Discuss the three stages of distribution management in nutrition in Emergencies. **(10 Marks)**

- b) Explain how you would arrange distribution cycles in a practical camp set-up with the help of a simple diagram? **(10 Marks)**
6. a) You are sent to a disaster stricken region in Zambia, what factors would you consider when selection food rations? **(10 Marks)**
- b) Ration cards are used in food distribution during disaster times, in this regard mention the information that should be found on a ration card. **(10 Marks)**
7. As a nutrition officer trainer under DMMU/Food and Nutrition Commission of Zambia simulating a prolonged drought that has resulted in food shortages and malnutrition in a rural community.
- a) Explain why a MUAC tape is mostly use in Rapid nutrition assessment? **(4 Marks)**
- b) Suggest other measurement that could use in addition to the MUAC measurement. **(2 Marks)**
- c) Which age groups are considered in a rapid initial nutrition assessment? **(2 Marks)**
- d) Explain the different categories of Malnutrition using the MUAC tape, equally give the formula for calculating Z-scores). **(12 Marks)**