



**PAMIBIA UNIVERSITY**  
OF SCIENCE AND TECHNOLOGY

**FACULTY OF HEALTH, APPLIED SCIENCES AND NATURAL SCIENCES**

**DEPARTMENT OF HEALTH SCIENCES**

<b>QUALIFICATION:</b> BACHELOR OF HUMAN NUTRITION	
<b>QUALIFICATION CODE:</b> 08BOHN	<b>LEVEL:</b> 8
<b>COURSE CODE:</b> NIE811S	<b>COURSE NAME:</b> NUTRITION IN EMERGENCY
<b>SESSION:</b> JULY 2022	<b>PAPER:</b> THEORY
<b>DURATION:</b> 3 HOURS	<b>MARKS:</b> 100

<b>SUPPLEMENTARY/SECOND OPPORTUNITY EXAMINATION-QUESTION PAPER</b>	
<b>EXAMINER(S)</b>	MR WALIOMUZIBU MUKISA GEORGE WILLIAM
<b>MODERATOR:</b>	PROF SYLVESTER RODGERS MOYO

<b>INSTRUCTIONS</b>
1. Answer ALL the questions. 2. Write clearly and neatly. 3. Number the answers clearly.

**PERMISSIBLE MATERIALS**

NONE

**THIS QUESTION PAPER CONSISTS OF 4 PAGES (Including this front page)**

**SECTION A:****(24 MARKS)****QUESTION 1.****(24 MARKS)**

- 1.1 Explain the following terms as they apply to nutrition in emergency situations
- 1.1.1 Disaster (2 marks)
  - 1.1.2 Disaster impact (2 marks)
  - 1.1.3 Nature disaster (2 marks)
  - 1.1.4 Man-made disaster (2 marks)
- 1.2 Explain the different types of man-made disasters (6 marks)
- 1.3 Outline five (5) leading causes of death during emergency situations (5 marks)
- 1.4 Complete the following abbreviations in full (5 marks)
- 1.4.1 HCT
  - 1.4.2 IOM
  - 1.4.3 HC
  - 1.4.4 UNDP
  - 1.4.5 IASC

**SECTION B:****(13 MARKS)****QUESTION 2: CASE STUDY****(13 MARKS)**

*Carefully read this case study and answer ALL the questions that follow*

2.0 The torrential rainfall in opuwo district of Kunene region has caused massive flooding in villages causing the displacement of 2,000 people. The crops and livestock have been submerged and destroyed by the floods. The floods have also destroyed latrines, boreholes, and springs rendering access to clean and safe water impossible. The displaced people have been settled in a camp on high ground, which is 2 kilometers from Opuwo town. The rapid nutrition assessment conducted found that the prevalence of moderate acute malnutrition in children under five years was 13%. There is also widespread food insecurity as people lost most of their livelihood. Use the case study to answer the following questions.

- 2.1 Outline three (5) immediate measures that can be taken to reduce people's vulnerability (5 marks)

- 2.2 Mention the major duty bearer that should lead the response to such emergency (1 mark)
- 2.3 Outline the type feeding programme and reasons for your choice, for response to reduce people’s vulnerability to malnutrition (2 marks)
- 2.4 Outline five (5) agencies that can be contacted to support the government in responding to this emergency (5 marks)

**SECTION C: (43 MARKS)**

**QUESTION 3 (43 MARKS)**

*Read each question completely, and on your ANSWER SHEET, next to the question number, please write the full answer to the questions.*

- 3.1 Explain the term cluster approach in emergency situations (2 marks)
- 3.2 Outline three (3) roles of the cluster approach at country level (3 marks)
- 3.3 Explain three (3) advantages of the cluster approach in emergency situations (6 marks)
- 3.4 Explain the following sampling techniques as they apply to nutrition assessment in emergency situations.
- 3.4.1 Random sampling (2 marks)
  - 3.4.2 Systematic random sampling (2 marks)
  - 3.4.3 Cluster sampling (2 marks)
  - 3.4.4 Stratified sampling (2 marks)
- 3.6 Explain the role of Non-Government Organisations in emergency situations (4 marks)
- 3.7 Explain five (5) advantages of use of the military during emergency response (10 marks)
- 3.8 Outline four (4) objectives of rapid nutrition assessment in an emergency (4 marks)
- 3.9 Outline six (6) predisposing environmental conditions during disasters that worsen causes of death among affected people (6 marks)

**SECTION D:**

**(20 MARKS)**

**QUESTION 4**

**(20 MARKS)**

- 4.1 Explain why it is important to have two different formulas (F-75 and F-100) for treating severe acute malnutrition (2 marks)
- 4.2 Explain three (3) phases involved in the management of child with severe acute malnutrition (6 marks)
- 4.3 Explain why ReSoMal is preferable to regular ORS for treatment of severely malnourished children with diarrhoea (2 marks)
- 4.4 Outline two (2) ways of distributing a general food ration (2marks)
- 4.5 In a complex humanitarian emergency, key interventions have Cluster Lead Agencies. Name the Cluster Lead Agencies for the following interventions (5 marks)
- 4.5.1 Food Security
  - 4.5.2 Nutrition
  - 4.5.3 Emergency Telecommunication
  - 4.5.4 Early recovery
  - 4.5.5 Protection
- 4.7 Outline three (3) essential emergency relief measures that are necessary during disasters (3 marks)

**!!!!!!!!!!!!GOOD LUCK!!!!!!!!!!!!**