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**University Examinations 2016/2017**

FOURTH YEAR, FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN FOOD SCIENCE AND NUTRITION

**AFN 3427: NUTRITION IN EMERGENCIES**

**DATE: DECEMBER, 2016 TIME: 2 HOURS**

**INSTRUCTIONS: -** *Answer question* ***one*** *and any other* ***two*** *questions*

**QUESTION ONE (30 MARKS)**

1. Explain the following; (6 marks)
2. Complex emergency
3. Humanitarian assistance
4. Dry feeding
5. State four factors to consider when starting a supplementary feeding programme. (4 marks)
6. Name five equipment needed when carrying out a weight-for-height survey in emergencies. (5 marks)
7. State four ways of ensuring fair distribution of general dry rations. (4 marks)
8. Name three food commodities usually given in supplementary feeding programme. (SFP) (3 marks)
9. State four uses of nutrition information in an emergency set up. (4 marks)
10. State four points to consider when interpreting nutrition data. (4 marks)

**QUESTION TWO (20 MARKS)**

1. Outline the steps followed when planning and organising a nutrition survey. (10 marks)
2. Explain five challenges faced when responding to nutrition emergencies. (10 marks)

**QUESTION THREE (20 MARKS)**

1. Describe one initiative aimed at improving standards and accountability in humanitarian response. (10 marks)
2. Describe the cut-off points for wasting among under five year old children in relation to z-scores. (3 marks)
3. State seven errors that should be avoided in therapeutic feeding. (7 marks)

**QUESTION FOUR (20 MARKS)**

1. State five reasons why weight for height is the most preferred index of index of nutritional status in emergencies. (5 marks)
2. Explain procedures of treatment and management of severe wasting and oedema (adult kwashiorkor) in adolescents and adults. (15 marks)