



# MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

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## University Examinations 2014/2015

THIRD YEAR, FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR  
OF SCIENCE IN PUBLIC HEALTH

### HPP 3311: CHILD HEALTH AND NUTRITION

DATE: DECEMBER 2014

TIME: 2 HOURS

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

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#### QUESTION ONE (30 MARKS)

- a) Discuss the management of the following conditions in pre-term babies;
  - (i) Infection ( 3 marks)
  - (ii) Hypothermia (3 marks)
- b) Explain three key recommendations targeting the lactating women that encourage exclusive breast feeding (6 marks)
- c) Describe three strategies that can be used to keep complementary feeds (foods) safe (6 marks)
- d) Explain the following types of immunity and their application in childhood vaccination;
  - (i) Passive Immunity (3 marks)
  - (ii) Herd Immunity (3 marks)
- e) Discuss three factors that have the greatest influence on food intake of 5 years old children (6 marks)

**QUESTION TWO (20 MARKS)**

Malnutrition is a major cause of child mortality in sub-saharan Africa;

- a) Tabulate five key/major differences between marasmus and kwashiorkor (10 marks)
- b) Discuss five management strategies of a child with severe kwashiorkor (10 marks)

**QUESTION THREE (20 MARKS)**

Describe the main causes and the management of the following micronutrient deficiencies in children;

- (a) Anemia (10 marks)
- (b) Rickets (10 marks)

**QUESTION FOUR (20 MARKS)**

Discuss the baby friendly hospital initiative that facilitates breastfeeding of infants and its application in public health (20 marks)