

**TECHNICAL UNIVERSITY OF MOMBASA**  
**FACULTY OF APPLIED AND HEALTH SCIENCES**  
**DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES**  
**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF**  
**SCIENCE IN COMMUNITY HEALTH**  
**BSCH 13S/YEAR 3/SEMESTER 2**

**ACM4307: CHILD HEALTH CARE**  
**SEMESTER EXAMINATION**

**SERIES: APRIL/MAY 2016**  
**TIME 2HOURS**

***Instructions to candidates.***

This paper consists of FIVE questions  
Answer question ONE (COMPULSORY) and any other TWO questions  
***This paper consists of two printed pages.***

**QUESTION 1 (COMPULSORY)**

- A. Outline the difference of these terminologies used in children.
  - i. Growth. **2marks**
  - ii. Development. **2marks**
- B. Identify five Red flags issues in infant development. **5marks**
- C. Briefly explain with examples these 2 health indicators used to evaluate the effectiveness of child health.
  - i. Neonatal mortality rate. **3marks**
  - ii. Under five mortality rate. **3marks**
- D. State five danger signs in IMCI. **5 marks**
- E. Describe five clinical features of lack of Vitamin A. **5marks**
- F. Explain five principles of growth and development. **5marks**

**QUESTION 2**

The first Lady Mrs. Margaret Kenyatta is in the process of raising funds to aid in improving immunization as well as reduce child and maternal mortality in Kenya.

- a. Explain the immunization schedule and its route of administration for a child aged 1 year. **10 marks**
- b. Discuss five barriers of achieving greater than 90% vaccine coverage in under 1 years. **10 marks**

**QUESTION 3** Baby Furaha is an 18 months old baby brought by her mother for routine well baby visit at Marimani dispensary. On your assessment and classification, you find Clinton to be having some palmar pallor and he is also underweight with oedema of the lower limbs.

- a. Discuss effects of Iron Deficiency Anaemia in children. **10 marks**
- b. Describe five clinical features of Kwashiorkor. **10 marks**

**QUESTION 4** The IMCI strategy which was launched by WHO and UNICEF in 1995. The strategy includes management of childhood illness, immunizations, nutrition interventions, schools health, maternal health, and family planning.

- a. Describe five steps a health worker carries out using the case management guideline in assessing and classifying a sick child. **10 marks**
- b. State five clinical feature of lack of Vitamin a in child. **10marks**

**QUESTION 5**

- a. Discuss the process of early childhood development. 10 marks
- b. Explain in detail five Red flags issues in pre –school going Child. 10 marks