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JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

UNIVERSITY EXAMINATIONS 2023/2024

**EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE IN PUBLIC
HEALTH**

PPH 3102: MATERNAL CHILD HEALTH AND NUTRITION

DATE: AUGUST 2024

TIME: 3 HOURS

INSTRUCTIONS: Attempt any FOUR questions

1. Apply the perinatal care interventions to prevent maternal and neonatal mortalities within low- and middle-income countries **(25 marks)**
2. Explain with examples both direct and indirect causes of maternal mortalities and the mitigation measures in Africa **(25marks)**
3. Discuss and interpret both clinical and diagnostic malnutrition features for expectant women and children under five years **(25 marks)**
- 4 a). Discuss the adolescent and youth health challenges and explain the strategies to overcome the challenges **(15 marks)**
b). Illustrate the determinants of Maternal and Child Health globally **(10 marks)**
5. Explain the principles and challenges of Integrated Management of Childhood Illnesses as one of the key child health care approaches in Sub Sahara Africa. **(25 marks)**
6. a). Illustrate the application of Prevention of Mother To Child Transmission (PMTCT) components to eliminate Mother To Child Transmission of HIV **(15 Marks)**
b). Contraception is fundamental health service towards the achievement of the vision 2030 in Africa. Discuss. **(10 marks)**