WI-2-60-1-6

JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY
UNIVERSITY EXAMINATIONS 2025/2026
EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE IN PUBLIC HEALTH
PPH 3102: MATERNAL CHILD HEALTH AND NUTRITION
DATE: AUGUST 2026 **TIME: 3 HOURS**

INSTRUCTIONS: Answer any FOUR Questions

Question 1

a) Explain the following terms:
   i. Quick Investigation of Quality
   ii. Service provision Assessment
   iii. Neonatal mortality
   iv. Early initiation of breastfeeding
   v. Exclusive breastfeeding **(5 Marks)**

b) Discuss the importance of measuring the quality of care in Family planning and reproductive health programs. **(20 Marks)**

Question 2

Discuss the:

a) integrated Management of childhood Illness (IMCI) and
b) Integrated Community Case Management (ICCM) programs, clearly outlining how they improve health outcomes for children under five in developing countries **(25 Marks)**

Question 3

a) Describe any five (5) prenatal care assessments done during ante-natal care visits in Kenya **(5Marks)**

b) Discuss any five challenges of improving maternal health in Kenya **(20 Marks)**

Question 4

a) Discuss how "the three delays" contribute to maternal and neonatal mortality in Sub-Saharan Africa **(15 Marks)**
b) Discuss the intervention strategies that the Kenyan government adopted to improve the infant mortality rate from 77 to 32 per 1000 live births between 2003 and 2022. **(10 Marks)**

Question 5

Discuss the youth-friendly health services available in Kenyan public health facilities under the following headings:

a) Adolescent sexual and reproductive health **(9 Marks)**
b) Nutritional care and support **(8 Marks)**
c) Psychosocial support for adolescents living with HIV **(8 Marks)**

Question 6

a) Discuss family planning and contraceptive uptake as a pillar for safe motherhood. **(15 Marks)**

b) Explain how overnutrition and undernutrition are risks for under-five mortality in developing countries. **(10 Marks)**