



W1-2-60-1-6

JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY
UNIVERSITY EXAMINATIONS 2018/2019
YEAR 1 SEMESTER 1 EXAMINATIONS FOR THE DEGREE
OF MASTER OF SCIENCE IN INTERNATIONAL
TPH 3118: GLOBAL PATTERN OF DISEASES

DATE: SEPTEMBER 2019

TIME: 3 HOURS

Instructions

Answer any four questions.

Each question carries equal marks of 25.

Q1.a) Discuss five reasons for the shift from Communicable diseases to non-communicable disease burden experienced in the last two decades (10 marks)

b) Describe the strategies employed to mitigate the global NCD burden(15 marks)

Q2. a) Discuss the global variation in occurrence of malaria in the last 15 years (5 mks)

b) Explain reasons for occurrence of majority of deaths from malaria in Africa (5 mks)

c) Discuss the preventive measures applied in the control of malaria globally explaining challenges encountered (15 mks)

Q3. a) Define and classify injuries giving examples (8 mks)

b) Explain the reasons for the high occurrence of road traffic accidents (RTA) globally (10 mks)

c) Discuss the Strategies that if effectively applied would reduce RTAs (7 mks)

Q.4. a) Describe the factors associated with the existing, relatively, low levels below the full vaccination levels expected predominantly observed in the low-income countries (10 marks)

b) Discuss the factors that maintain the low contraceptives uptake in LMIC and strategies to mitigate them (15 marks).

Q5. a) Discuss projected future stages in health transition, and the factors that will influence their development (20 marks)

b) What impact will these changes have on health services? (5 marks)

Q6.a) Briefly discuss the socioeconomic determinants of disease occurrence. (25 marks)