



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

A. M. E. C. E. A

P.O. Box 62157

00200 Nairobi - KENYA

MAIN EXAMINATION

Telephone: 891601-6

MAY – AUGUST 2021

Ext 1022/23/25

FACULTY OF SCIENCE

Fax: 254-20-891084

DEPARTMENT OF COMMUNITY HEALTH AND DEVELOPMENT

REGULAR PROGRAMME

CHD 437: CHILD HEALTH

Date: AUGUST 2021

Duration: 3 Hours

INSTRUCTIONS: Answer Question ONE and any other TWO Questions.

Q 1 (a) State any four reasons which justify the importance of focusing on child health care in the community **(4 marks)**

b) List any six leading causes of under-five childhood mortality in Kenya **(3 marks)**

c) Using a diagram explain the interaction between under nutrition and childhood infections **(3 marks)**

d) State three risk factors and three ways of prevention for each of the following childhood diseases. **(6 marks)**

(i) Pneumonia

(ii) Childhood diarrhea

e) Briefly explain any three determinants of childhood mortality **(3 marks)**

f) Explain how you will determine the following useful mortality indicators for the general health status of children in a community **(3 marks)**

a) Neonatal mortality rate

- b) Infant mortality rate
- c) Child mortality rate

g) Explain any three reasons which justify the importance of growth monitoring in child health. **(6 marks)**

h) Explain the concept of integrated management of neonatal and child illnesses (IMNCI) **(2 marks)**

Q2.a) Outline, giving an example, any six factors that affect the health and well-being of children in a community **(6 marks)**

b) Discuss, using examples, any three key interventions of reducing childhood morbidity/mortality in the community **(6 marks)**

c) Applying community based strategic approach explain four strategies of enhancing childhood immunization coverage in the community **(8 marks)**

Q 3 (a) Explain the rationale of having an integrated approach for providing maternal and child health (MCH) services in a health facility and state any three services which are included in integrated MCH clinic **(5 marks)**

b) State any five principles which guide policymaking/strategic planning for enhancing provision of child health services in the community **(5 Marks)**

c). Discus any five reasons why maternal and child health (MCH) programmes should be managed properly **(10 marks)**

Q4 (a) One of the responsibility of a community health worker is planning for community outreach clinics to enhance accessibility of child health care services, in consultation and in liaison with a health facility offering MCH services.

i) State any four elements of child health care that should be incorporated in the outreach clinic **(4 marks)**

ii) Discuss any five main activities that you will carry out necessary for successful organization of child health care outreach clinics in the community **(10 marks)**

b) Briefly explain three reasons why it's important to evaluate maternal and child health (MCH) community programme? **(6 Marks)**

END