



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

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MAIN EXAMINATION

SEPTEMBER –DECEMBER 2021

FACULTY OF SCIENCE

DEPARTMENT OF COMMUNITY HEALTH AND DEVELOPMENT

REGULAR PROGRAMME

DCHD/CHD 437: CHILD HEALTH

Date: DECEMBER 2021

Duration: 3 Hours

INSTRUCTIONS: Answer All Questions in Section A and any other TWO Questions in section B.

SECTION A: Answer All questions (40 marks)

Q 1 (a) Explain how administration of vaccines confer immunity in childhood immunizable diseases and give three (3) examples of such diseases

(3

marks)

b) Using a diagram explain the interaction between malnutrition and childhood diseases **(3 marks)**

c) State three risk factors and three ways of prevention for each of the following childhood diseases.

(6

marks)

- (i) Pneumonia
- (ii) Childhood diarrhea

a) Briefly explain three key determinants of childhood mortality in a community

(3 marks)

e) Explain how you will determine the following useful mortality indicators for the general health status of children in a community

(6

marks)

- a) Neonatal mortality rate
- b) Infant mortality rate
- c) Under five mortality rate

f) Explain the importance of growth monitoring in child health and state two (2) appropriate tools useful for the purpose.

(6 marks)

g) Outline the concept of integrated management of neonatal and child illnesses (IMNCI)

(3 marks)

SECTION B Answer Any two questions

Q2.a) Outline six factors that affect the health and well-being of children in a community

(6 marks)

b) Discuss, giving an example, any three key interventions of reducing childhood morbidity/mortality in the community

(6 marks)

c) Explain four strategies of enhancing childhood immunization coverage in the community

(8 marks)

Q3 (a) Explain the rationale for integrating 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 strategic planning for enhancing provision of child health services in the community

(5

Marks)

c). Discus five reasons which justify proper management of maternal and child health (MCH) programmes

(10

marks)

Q4 (a) One of the responsibility of a community health worker is to collaborate with a health facility offering MCH services in planning for community outreach for child health services to enhance their accessibility.

i) State any four elements of child health care that should be included in the outreach services (4 marks)

ii) Discuss any five key activities that you will carry out to enable successful organization of child health care outreach services in the community

(10

marks)

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

(6

Marks)

END