



MACHAKOS UNIVERSITY

University Examinations 2019/2020 Academic year

SCHOOL OF HEALTH SCIENCES

DEPARTMENT OF PUBLIC AND COMMUNITY HEALTH

FOURTH YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE IN PUBLIC HEALTH.

PPH 416: CHILD HEALTH

DATE: 29/11/2019

TIME: 8.30-10.30 AM

INSTRUCTIONS

This paper consists of two sections A and B

Section A is compulsory

Section B choose any two (2) questions

SECTION A (COMPULSORY)

QUESTION ONE (30 MARKS)

- a) Highlight reasons why children are at risk of acute respiratory infections (3 marks)
- b) Outline signs of an ear infection in children (3 marks)
- c) Explain ways in which soil-transmitted helminthes can impair the nutritional status of children (3 marks)
- d) Differentiate fillings, crowns and sealants as used in dental health (3 marks)
- e) Highlight the disadvantages of herd immunity in children (3 marks)
- f) Outline three (3) characteristics of health education in child health promotion and disease prevention programs (3 marks)
- g) Highlight three (3) factors that can contribute to accidents among children at home(3 marks)
- h) Outline three (3) objectives of rehabilitating a child whose right hand has been amputated (3 marks)
- i) Identify the goals of newborn screening at birth (3 marks)
- j) Highlight the aims of Integrated Management of Childhood Illness (IMCI)in Kenya (3 marks)

SECTION B:

Specific Instructions

- **This section has four (4) question**
- **Answer any two (2) questions**
- **Each question is 20 Marks**

QUESTION TWO (20 MARKS)

- a) Using relevant examples explain how a child will acquire natural active Immunity and artificial active immunity (10 marks)
- b) Describe the sequence of children's intellectual development according to Piaget's Cognitive Developmental Theory (10 marks)
- .

QUESTION THREE (20 MARKS)

- a) Explain the treatment of different types of anemia among children (10 marks)
- b) Discuss different types of rehabilitation available for different disabilities (10 marks)

QUESTION FOUR (20 MARKS)

- a) A Family can influence child's growth and development. Explain (10 marks)
- b) Advice a first-time mother on how to avoid choking and suffocation for her nine (9) months old son (10 marks)

QUESTION FIVE (20 MARKS)

- a) Explain the deficiency symptoms of different essential minerals in children (10 marks)
- b) Discuss the challenges facing parents in keeping teeth and healthy gums among their children (10 marks)