



MACHAKOS UNIVERSITY

UNIVERSITY EXAMINATIONS FOR 2018/2019 ACADEMIC YEAR

SCHOOL OF HEALTH SCIENCES

DEPARTMENT OF PUBLIC AND COMMUNITY HEALTH

FOURTH YEAR SECOND SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE IN POPULATION HEALTH.

**PPH 407: MONITORING AND EVALUATION OF POPULATION HEALTH
PROGRAMS**

DATE: 29/4/2019

TIME: 2:00 – 4:00 PM

INSTRUCTIONS:

This paper consists of two sections A and B

SECTION A

- **This section has one question**
- **The question is compulsory**
- **The question is 30 marks**

QUESTION ONE (30 MARKS)

- a) Define the following terms (1 mark)
- i) Monitoring
 - ii) Evaluation
- b) Identify the potential barriers to providing information feedback in monitoring and evaluation (M&E). (3 marks)
- c) Explain the components of data use conceptual framework (2 marks)
- d) Distinguish between a conceptual framework and a result's framework (3 marks)
- e) Explain the key elements used in decision making in monitoring and evaluation. (3 marks)
- f) Using appropriate examples, distinguish between routine and non-routine data (3 marks)

- g) Explain the characteristics of indicators as applies to monitoring and evaluation. (3 marks)
- h) Explain the threats to validity that would arise from an experimental study design (3 marks)
- i) Explain the importance of monitoring and evaluation plans (3 marks)
- j) Differentiate between a goal and an objective. For each, give examples. (3 marks)

- k) Use the indicator below to answer the subsequent questions (3 marks)

Proportion of infants 0-11 months of age who were immunized with the first dose of diphtheria tetanus pertussis (DTP) vaccine in 2018.

- i) Explain an indicator metric
- ii) State the metrics for the indicator above
- iii) Identify an activity that would help achieve the above indicator

SECTION B:

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

QUESTION TWO (20 MARKS)

- a) Data utilization is important for decision making in monitoring and evaluation. However, often times data is underutilized. Discuss. (10 marks)
- b) You are the Monitoring and Evaluation Officer in charge of a child immunization program in Kiko Sub-County. The program has come to an end and there are findings that should be shared with the stakeholders. Discuss how these findings will be effectively disseminated. (10 marks)

QUESTION THREE (20 MARKS)

- a) Using a well-drawn logic model for a family planning program that aims at improving the uptake of family planning methods, explain the components and generate indicators from the above framework (10 marks)
- b) Explain the challenges to monitoring and evaluation of population health programs (10 marks)

QUESTION FOUR (20 MARKS)

- a) As Monitoring and Evaluation Expert, Company X has contracted you to develop an M&E plan for their Nutrition intervention program which you are expected to present afterwards. Explain the contents of your presentation. (10 marks)
- b) The maternal mortality ratio in Kenya stands at 362 per 100,000 live births. Discuss the causes of maternal mortality in developing countries. (10 marks)

QUESTION FIVE (20 MARKS)

- a) Describe the resources necessary for developing and implementing a monitoring and evaluation plan. (10 marks)
- b) Explain the importance of conceptual frameworks in monitoring and evaluation. (10 marks)