



# MACHAKOS UNIVERSITY

University Examinations for 2021/2022 Academic Year

SCHOOL OF AGRICULTURE, ENVIRONMENT AND HEALTH SCIENCES

DEPARTMENT OF HEALTH SCIENCES

FOURTH YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE (PUBLIC HEALTH)

HPH-403: PROJECT MANAGEMENT

DATE: 23/8/2022

TIME: 8.30-10.30 AM

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## INSTRUCTIONS:

This paper consists of two sections A and B

### SECTION A

#### Specific Instructions

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

### QUESTION ONE (30 MARKS)

- a) Define the following terms (3 marks)
- Project
  - Budget
  - Risk
  - Management
  - Indicators
  - Organizational culture
- b) Differentiate between a project and a program (4 marks)
- c) Explain the importance of project management to a project manager (4 marks)
- d) State the types of stakeholders you could identify during stakeholder analysis (3 marks)

- e) Outline the types of data that may be collected for a needs assessment (3 marks)
- f) Explain the purpose of each of the following documents developed during initiation of a project. (3 marks)
- i. Project proposal
  - ii. Project logical framework
  - iii. Project implementation plan
- g) State the importance of a Work Breakdown Structure (WBS) to the project (3 marks)
- h) Distinguish between monitoring and evaluation (4 marks)
- i) Outline the importance of cultural awareness to a project manager (3 marks)

## **SECTION B:**

### **Specific Instructions**

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

### **QUESTION TWO (20 MARKS)**

- a) A project environment often provides a paradoxical opposing dimension to project planning that a project manager has to balance in order to succeed in project implementation. Discuss. (10 marks)
- b) Identify 2 (two) real life examples of health project that would fit each of the following priority scenarios. (10 marks)
- i. Time-constrain, Scope-enhance, Cost-accept
  - ii. Time-accept, Scope-constrain, Cost-accept
  - iii. Time-constrain, Scope-accept, Cost-enhance

### **QUESTION THREE (20 MARKS)**

You are in charge of organizing a health camp for members of staff working in Machakos University. You are collaborating with Shalom Hospital to offer services to 300 staff members in four weeks' time. Develop a scope statement for this project that contains examples of all elements. Provide your best estimates of dates for milestones.

**QUESTION FOUR (20 MARKS)**

Develop a communication plan for a new project aimed at identifying and treating children with malnutrition in County X. The project is required to report to the Ministry of health.

**QUESTION FIVE (20 MARKS)**

Guinea worm infestation has become prevalent in your area of work. You have been asked to manage a project funded to mitigate the cause of rising prevalence.

- a) Describe the factors that would influence the quality of cost and time estimate for this project. (10 marks)
- b) Explain three major closure deliverables you will focus on during project transition detailing activities for each. (10 marks)