



# MACHAKOS UNIVERSITY

University Examinations 2019/2020 Academic year

SCHOOL OF HEALTH SCIENCES

DEPARTMENT OF PUBLIC AND COMMUNITY HEALTH

SECOND YEAR SECOND SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE IN PUBLIC HEALTH.

HPH 211: ENVIRONMENTAL INSPECTION

DATE: 2/12/2020

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
- This question is **COMPULSORY**
- The question is 30 marks

#### QUESTION ONE (30 MARKS)

- a) Define the following terms (3 marks)
- Environmental inspection
  - Sanitation
  - Compliance
- b) State the roles of an environmental inspector (3 marks)
- c) Explain the uses of safety equipment during an environmental inspection activity (3 marks)
- d) Outline the objectives of environmental inspection (3 marks)
- e) Explain the important areas of inspection in a restaurant (3 marks)
- f) Differentiate between planned and reactive inspection (3 marks)
- g) Describe the phases of environmental inspection (3 marks)
- h) Highlight the major advantages and disadvantages of announcing inspections ahead of time. (3 marks)
- i)

- j) Explain the meaning of denial of entry as used in environmental inspection. (3 marks)
- k) Explain any three (3) professional ethics and code of practice for environmental inspectors. (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) Discuss the differences between level 1 and level 2 inspection (10 marks)
- b) The Kakamega primary school stampede could have been avoided if certain building and construction regulations were adhered to. In view of this, explain in details the purposes of property inspection (10 marks)

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

- a) Milane Investment Company invites you to inspect their leather tanning plant before commencing operations. Discuss the tools of inspection used during a field visit (10 marks)
- b) The County government of Mandela is planning for a massive inspection of the newly constructed buildings in Mandela Town. As the public health consultant in the county describe the important elements of the process of environmental inspection you would take your officers through before embarking on the exercise (10 marks)

### **QUESTION FOUR (20 MARKS)**

- a) As a public health officer, you are involved in an inspection activity to establish compliance statuses of the major factories in Nakuru town. Discuss in detail the elements of the inspection report that you will prepare. (10 marks)

- b) Explain the various enforcement actions that may be taken in response to violations identified during a restaurant inspection. (10 marks)

**QUESTION FIVE (20 MARKS)**

- a) Explain the operational policies and principles of environmental inspection (10 marks)
- b) You are part of team that is to conduct environmental inspection in a certain construction company. Discuss the major hazards of inspection that you will be careful with while conducting inspection around the facility. (10 marks)