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**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY
UNIVERSITY EXAMINATIONS 2019/2020
EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE IN PUBLIC
HEALTH**

TPH 3109: DISASTER MANAGEMENT AND PREVENTION

DATE: FEBRUARY, 2020

TIME: 3 HOURS

INSTRUCTIONS: ANSWER ANY FOUR QUESTIONS

QUESTION 1

The Sendai Framework is the successor instrument to the Hyogo Framework for Action. Discuss any **FIVE** global targets that the Sendai Framework aims to achieve **(25 Marks)**

QUESTION 2

Kenya has been experiencing cholera outbreak in several towns in the recent times. As a public health and disaster management expert you have been hired to spearhead a disaster risk reduction committee in the Ministry of health to avert a disaster from cholera. Discuss **FIVE** measures you would recommend in this situation **(25 Marks)**

QUESTION 3

During disaster there is an increase in humanitarian assistance. If proper strategy is not taken there is likely hood of foodborne disease outbreak. Discuss **FIVE** indications of a foodborne disease outbreak that should trigger further investigation from the public **(25 Marks)**

QUESTION 4

Without correct and current data, diseases are misunderstood, health programs do not accomplish their goals and resources are incorrectly allocated. Both active and perceive public health surveillance promote health and prevent disease as it is used to monitor disease trends and plan public health programs. Discuss **FIVE** areas that are encompassed by public health surveillance **(25 Marks)**.

QUESTION 5

Public health care professionals have a role to prevent epidemics and spread of disease; Discuss **FIVE** strategies used to achieve this objective in an informal settlement. **(25 Marks)**

QUESTION 6

Using a well labelled diagram discuss the **FOUR** stages of disaster cycle **(25 Marks)**