



# MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

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## University Examinations 2014/2015

THIRD YEAR, SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR  
OF SCIENCE IN PUBLIC HEALTH

### HPP 3328: DISEASE SURVEILLANCE

DATE: DECEMBER 2014

TIME: 2 HOURS

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INSTRUCTIONS: Answer question *one* and any other *two* questions

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#### QUESTION ONE (30 MARKS)

- When were the IDSR guidelines developed and what was their emphasis? (4 marks)
- What is the importance of standard case definitions? (4 marks)
- What is immediate reporting in IDSR? (2 marks)
- Explain the importance of data analysis and interpretation (4 marks)
- What is likely to occur when health workers detect and respond to outbreaks without preparedness? (3 marks)
- Differentiate between monitoring and evaluation in disease surveillance (2 marks)
- In a good system of supervision of surveillance and response activities, what do supervisors and health providers strive to do? (4 marks)
- What is health risk communication? (4 marks)
- What are the various levels of disease surveillance? (3 marks)

#### QUESTION TWO (20 MARKS)

Discuss the role of laboratory in a sound disease surveillance system

#### QUESTION THREE (20 MARKS)

Compare and contrast use of the standard case definition at the health facility and the lay case definition at the community level

**QUESTION FOUR (20 MARKS)**

Discuss implementation IHR 2005 in relation to word health security.