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**University Examinations 2015/2016**

SECOND YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF

BACHELOR OF SCIENCE IN PUBLIC HEALTH

&

BACHELOR OF SCIENCE IN COMMUNITY HEALTH AND DEVELOPMENT

**HPP 3205: ZOONOSES**

**DATE: NOVEMBER 2015 TIME: 2 HOURS**

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

**QUESTION ONE (30 MARKS)**

1. Define the term zoonoses and give examples of bacterial, viral, fungal, parasitic and prion zoonotic diseases. (7 Marks)
2. Vectors are an important component in zoonotic disease transmission. Define vectors and briefly describe the two types of vectors. (6 Marks)
3. Briefly give an account of the history of zoonotic diseases. (6 Marks)
4. Differentiate between ‘self-limited’ and ‘reversible’ zoonotic diseases. (4 Marks)
5. Describe seven factors affecting zoonotic disease emergence. (7 Marks)

**QUESTION TWO (20 MARKS)**

Discuss highlighting the following key areas, the zoonotic diseases below:

1. Ebola:
2. Infectious agent. (3 Marks)
3. Transmission dynamics. (4 Marks)
4. Prevention and control. (3 Marks)
5. Anthrax:
6. Infectious agent. (3 Marks)
7. Transmission dynamics. (4 Marks)
8. Prevention and control. (3 Marks)

**QUESTION THREE (20 MARKS)**

Discuss in detail the strategies for prevention and control of zoonotic diseases. (20 Marks)

**QUESTION FOUR (20 MARKS)**

Discuss giving examples the classification of zoonotic diseases. (20 Marks)