



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2007/2008

**SECOND SEMESTER EXAMINATION FOR THE DEGREE OF
BACHELOR OF SCIENCE AND BACHELOR OF EDUCATION**

SBT 414: MEDICAL MICROBIOLOGY

DATE: Monday 16th June, 2008

TIME: 2.00 – 4.00 p.m.

INSTRUCTIONS:

Answer ALL questions in SECTION A and any ONE question in SECTION B.

Answers in SECTION A should be concise and should be written in the spaces provided in the question paper.

SECTION A

Short answer questions (5 marks each).

1. Briefly explain the mechanisms micro-organisms use to establish on the host.

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4. Differentiate between infectious hepatitis and serum hepatitis.

5. Explain what is meant by host mediated pathogenesis.

6. Differentiate between botulism toxins and tetanus toxins.

7. Why is rubella a serious disease for pregnant woman?

8. Draw the structure of a simple virus and give the functions of each part.

SECTION B

Essay (Maximum 30 marks)

Write an essay on any **ONE** of the following.

1. Gas gangrene
2. Toxin producing Gram negative bacteria
3. The rubella virus.