

UGANDA MARTYRS UNIVERSITY
FACULTY OF HEALTH SCIENCES
BACHELOR OF PUBLIC HEALTH –HEALTH PROMOTION
ACADEMIC YEAR 2018-2019 (2018 entry)
BPHP 2109: BASIC MICROBIOLOGY II EXAMINATION

Date: 8th June, 2019 Time 9:00am -12:00pm

Instruction

- 1) Write your answers on the spaces provided. You may use provided Answer Sheet where applicable
- 2) Write your registration number clearly
- 3) All numbers are compulsory from both SECTION A & B

SECTION A

Qn1. a) Write short notes on the following terms in Parasitology

- I. **Parasites (2marks)**
- II. **Successful parasites (4marks)**
- III. **Definitive host (3Marks)**
- IV. **Intermediate host (3marks)**
- V. **Reservoir (carrier) host (3marks)**

b) With the aid of a well labelled diagram, describe the life-cycle of Malaria Parasite(25 Marks)

SECTION B

Qn1. Virology is the study of viruses and virus-like agents, including (but not limited to) their taxonomy, disease-producing properties, cultivation and genetics. Give five examples of RNA and DNA viruses

Examples of RNA & DNA Viruses (10marks)

RNA Viruses	DNA Viruses

Qn2. List 5ways in which HIV virus can be spread and 4body fluids known to contain the virus in an HIV infected person

a) 5ways of HIV spread (5marks)

.....

.....

.....

.....

.....

.....

b) Body fluids known to contain HIV (4marks)

.....

.....

.....

.....

.....

.....

Qn3. a) List the seven (7) stages in the life cycle of HIV virus(7marks)

.....

.....

.....

.....

.....

.....

.....

.....

b) List three structural proteins of HIV virus and what each structural protein encode for(9marks)

.....

.....

.....

.....

.....

.....

.....

Qn4. Write short notes on the following

a) Hepatitis A Virus (5marks)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

b) Hepatitis B virus (5marks)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

c) Hepatitis C virus (5marks)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

Qn5. With the help of examples, briefly explain the following;

a) Systemic mycoses (7marks)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

b) Cutaneous mycoses (7marks)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

c) Sub-cutaneous mycoses (6marks)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

THE END