



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2009/2010

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE

SZL 546: IMMUNOLOGY OF PARASITIC AND INFECTIOUS DISEASES

DATE: Wednesday, 14th April, 2010

TIME: 9.00 a.m. – 12.00 p.m.

INSTRUCTIONS:

Answer any FOUR questions.

All questions carry equal marks

Illustrate your answers with diagrams and give examples where appropriate

1. Inflammation is an important means for protection against pathogens. Discuss this statement.
2. Discuss first, second and third generation vaccines.
3. Discuss defense mechanisms against helminthic infection
4. Discuss the principles and application of the following diagnostic tests
 - a) Single radial immunodiffusion
 - b) Immuno-electrophoresis.
5. “Parasites have learnt to live in otherwise hostile environment”. Discuss this statement.