



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2015/2016

THIRD SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE
(MICROBIOLOGY)

SMB 800: ADVANCED VIROLOGY

DATE: Friday 29th July 2016

TIME: 2.00p.m -5.00p.m

INSTRUCTIONS:

Answer any FOUR questions (each 25 marks)

1. Discuss the evolutionary history of viruses, classes and pathogenesis.
2. Describe viral replication and its effects on the cell.
3. Describe viral isolation and identification.
4. Discuss the role of serology in virus diagnosis in the early 21st century.
5. Discuss the molecular techniques in viral diagnosis.