FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
DEPARTMENT OF MICROBIOLOGY
COURSE TITLE: VIROLOGY
COURSE CODE: MCB 521 (3 units)
SECOND SEMESTER EXAMINATION, 2016/2017 ACADEMIC SESSION

Instruction: Answer any five (5) questions
Time allowed: $2^1/_2$ Hours

1a. Explain in details the lytic phase of viral replication

b. Enumerate the properties of a viral particle

2. Given a blood sample that is suspected to contain Hepatitis C virus particle, describe details of analysis you will carry out on the blood sample to confirm the presence of the virus in the given sample.

3. Write an essay on Monkey pox virus

4. Virilogists have proposed that lysogenic phase of viral replication should be considered as an alternative to cloning. Discuss the pros and cons of this proposal?

5. In a tabular form clearly differentiate between the underlisted Hepatitis viruses

   (i) Hepatitis A

   (II) Hepatitis B

   (III) Hepatitis C

6. Describe in details how Rubella can be diagnosed and prevented

7. Briefly explain the important medical considerations in viral diseases