PG Odd Semester (CBCS) Exam., December—2016

MICROBIOLOGY

(1st Semester)

Course No. : MIBCC–103

(Virology)

Full Marks : 70
Pass Marks : 28

Time : 3 hours

The questions are of equal value

Answer **five** questions, taking **one** from each Unit

UNIT—I

1. Describe different stages of replication of viruses citing example from each type.

2. Discuss the antiviral agents with their mode of action.

UNIT—II

3. Discuss lytic cycle of bacteriophage with example.

4. Describe the application of bacteriophage in health with special reference to phage therapy.

UNIT—III

5. Describe serological and immunological methods in diagnosis of viral infection.

6. Explain different assays for detection of viral infectivity.

UNIT—IV

7. Describe the mode of transmission of plant virus infections.

8. Describe various symptoms of plant virus infection.

UNIT—V

9. Describe the sign, symptom and clinical conditions of various stages of HIV infection. Add a note on the diagnosis of HIV.

10. Discuss different types of Herpes virus infections.

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