

U.G. 5th Semester Examination - 2020

Microbiology

[HONOURS]

Discipline Specific Elective (DSE)

Course Code : MB(H)/DSE-01/PR

[PRACTICAL]

(Virology)

Full Marks : 20

Time : 2 Hours

The figures in the right-hand margin indicate marks.

Answer **any two** of the following

10×2=20

1. How will you enumerate of bacteriophages from sewage water sample using double agar layer technique?
 2. How are plant viruses transmitted to a healthy host?
How will you design an experiment of plant virus transmission in a pot experiment?
 3. What is induction in lysogenic cycle? Describe the method of isolation of phage via induction of lysogens.
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