

U.G. 3rd Semester Examination - 2020

MICROBIOLOGY

[HONOURS]

Course Code : MB-H-CC-P-06

(Bioenergetics and Microbial Metabolism)

[PRACTICAL]

Full Marks : 20

Time : 2 Hours

The figures in the right-hand margin indicate marks.

Answer any **two** from the following: $10 \times 2 = 20$

1. Draw a bacterial growth curve and explain each phase of growth.
 2. What is meant by generation time? How will you determine the mean generation time from a observed growth of particular bacterial isolate?
 3. What do you mean by pH optima of bacterial growth? Design an experiment from which you can determine the pH optima for bacterial growth.
-