AC-3094
B. Sc. (Sem. VI) Examination
April/May – 2015
Bioscience : Paper - III
( Elementary Microbiology)

Time : Hours] [Total Marks : 50

Instructions :
(1) Fill up strictly the details of signs on your answer book.

(2) Figures to the right indicate full marks of the question.

(3) Draw neat and labelled diagram wherever necessary.

1 Answer as directed. 12

(1) Explain : Obligate anaerobes.
(2) Describe in brief differential media.
(3) Give any two examples of flagellated pathogen.
(4) Enlist the normal flora of eyes.
(5) What is nosocomial infection.
(6) Define :
   (a) L-form
   (b) Sporulation.

2 Write an essay on Bacterial growth curve. 14

OR

2 Describe in brief various methods for isolation of pure culture. 14

AC-3094] 1 [Contd....
3 Answer any two of the following questions.  
(1) Explain in brief significance of normal flora.  
(2) Write a note on structure of endospore.  
(3) Describe in brief types of pathological condition.

4 Write short notes: (any two)  
(1) Attenuation  
(2) Tactic movement  
(3) Bacterial capsule.