AD-3247
B. Sc. (Sem. VI) Examination
March/April – 2015
Bioscience : Paper - VI
(Appplied Microbiology)

Time : Hours] [Total Marks : 50

Instructions :

(1)

(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: fecal indicator.
(2) Describe in brief stormy fermentation.
(3) Give two example of the pasteurization method.
(4) Enlist the various food intoxication.
(5) What is RRT ?
(6) Define:
    (a) CFU.
    (b) Spoilage.

2 Describe in brief biological method for treatment of 14
liquid effluent.

OR

AD-3247] 1 [ Contd......
2 Answer the following question:
(1) Describe in brief membrane filter technique.
(2) Write a note on MBRT.

3 Answer any two of the following questions:
(1) Describe in brief PA test.
(2) Write a note on laminar air flow system.
(3) Describe in brief staphylococcal food poisoning.

4 Write short notes on (any two):
(1) Curdling process
(2) Biochemical oxygen demand
(3) Defined substrate test.