



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

Time : Hours]

[Total Marks : 50

Instructions :

(1)

<p>नीचे दर्शायेक निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : B. SC. (SEM. 6)</p> <p>Name of the Subject : BIOSCIENCE : PAPER - 6</p> <p>Subject Code No. : 3 2 4 7 Section No. (1, 2,.....): Nil</p>	<p>Seat No. : [][][][][][][]</p> <p style="text-align: center;">Student's Signature</p>
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(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 liquid effluent. 14

OR

- 2** Answer the following question : **14**
- (1) Describe in brief membrane filter technique.
 - (2) Write a note on- MBRT.
- 3** Answer any **two** of the following questions : **14**
- (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**) **10**
- (1) Curdling process
 - (2) Biochemical oxygen demand
 - (3) Defined substrate test.
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