



RAN-1181

B. Sc. (Sem-VI) Examination

March / April - 2019

Bioscience

606 : Applied Microbiology

Time: 2 Hours]

[Total Marks: 50

સૂચના : / Instructions

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

B. Sc. (Sem-VI)

Name of the Subject :

Bioscience

Subject Code No.:

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Seat No.:

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Student's Signature

- 1 Figure to the right indicates total marks of the question.
- 2 Draw neat, clean and labeled diagram whenever necessary.

Q. 1 Define / explain in brief (2-3 lines only).

12

- A Gaseous sterilization.
- B RRT.
- C Stormy fermentation.
- D Sources of microbial contamination of milk.
- E Secondary sludge.
- F Yogurt.

Q.2 Describe in brief MPN & DCT.

14

OR

Describe in brief biological treatment of waste water.

14

Q. 3 **Answer any two the following** **14**

- A** Explain in detail curdling of milk.
- B** Describe in brief Laminar air flow system.
- C** Explain in brief food poisoning.

Q. 4 Write short notes on (any two) 10

- A** MBRT.
B Substrate defined test.
C Phenol coefficient test.
