

V.P. & R.P.T.P. SCIENCE COLLEGE

I INTERNAL TEST

MICROBIOLOGY

US04CMIC02

17.03.16 ; Thursday



Time:3.00 to 4.30.p.m

Total Marks:25

N.B. (i) Marks are indicated on the right side.(ii) Attempt all questions.

Q.1. Attempt the following multiple choice questions. (03)

1. In the HTST method of pasteurization milk is heated to
 - (a) 145°F for 30 minutes
 - (b) 143 °F for 30 minutes
 - (c) 161°F for 15 seconds
 - (d) none of the above
2. Which of the following methods of food preservation is microbicidal in action?
 - (a) irradiation with gamma rays
 - (b) freezing
 - (c) pasteurization
 - (d) all of the above
3. Microorganisms found in the surface layers of the sea and other aquatic environment are known as
 - (a) plankton
 - (b) phytoplankton
 - (c) zooplankton
 - (d) none of the above

Q.2. Answer the following questions briefly.(Any two) (04)

1. Name two diseases which can be transmitted by milk.
2. What is putrefaction?
3. Define benthos.

Q.3. Write a note on butter. (06)

OR

Q.3. Write a note on cheese.

Q.4. Write a note on microbial spoilage of food. (06)

OR

Q.4. Describe the use of high temperature for the preservation of food.

Q.5. Describe activated sludge process. (06)

OR

Q.5 . (a) Explain IMViC Test. (04)

(b) Define BOD. (02)