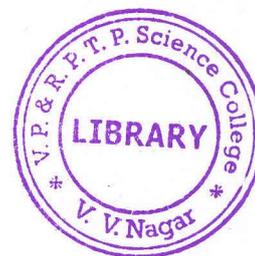


V.P. & R.P.T.P Science College
B.Sc (SEMESTER VI) INTERNAL EXAMINATION MARCH. 2017
MICROBIOLOGY
USO6CMIC06

Date: 11-03-2017

Total Marks: 25

Time: 11-00 to 12-30 p.m.



Q-1 Answer the following Multiple choice question

(03)

(1) Which detergent is used for cell disruption?

- (A) Sodium lauryl sulphate (B) Sodium dodecyl sulphate
(C) Quarternary ammonium compounds (D) none of them

(2) Recovery of vinegar is done by:

- (A) Use of $K_4Fe(CN)_6$ (B) Use of plate filters
(C) Use of filter aids (D) All of them.

(3) Following is added as a precursor in the production of Penicillin G

- (A) Phenyl acetic acid (B) Phenoxy acetic acid (C) Glutamic acid (D) none of them

Q-2 Answer in brief (Any Two)

(04)

- (1) Write in brief on Reverse Osmosis.
(2) Which milk clotting enzymes are present in Rennet?
(3) Give two examples of Semi synthetic Penicillin.

Q-3 Write in detail on Liquid-Liquid extraction of fermentation products.

(06)

OR

Q-3 Describe Physicomechanical methods of cell disruption.

(06)

Q-4 Write a note on production of Glutamic acid.

(06)

OR

Q-4 Enlist and describe raw materials used for production of beer.

(06)

Q-5 Write in detail on fermentative production of Penicillin.

(06)

OR

Q-5 Describe in detail on Amylase production.

(06)

.....Best of Luck.....