

V.P. & R.P.T.P Science College
B.Sc (SEMESTER VI) EXAMINATION Mar'2014
MICROBIOLOGY
USO6CMIC06

Date: 15-03-2014

Total Marks: 30

Time: 03-30 to 5-00 p.m.

Q-1 Attempt the following (any three) (06)

- (1) Describe various criteria for selection of recovery process.
- (2) Write a brief note on reverse osmosis.
- (3) Write in brief on metabolic response assay.
- (4) Enlist various methods of immobilization.
- (5) Which milk clotting enzymes are present in rennet?
- (6) What is infusion method?



Q-2 Describe various physico-mechanical methods for disruption of microbial cell (08)

OR

Q-2 Describe liquid-liquid extraction of fermentation products. (08)

Q-3 Write in detail on fermentation economics. (08)

OR

Q-3 Write a note on diffusion and turbidometric assay. (08)

Q-4 Write a note on elements of brewing process. (08)

OR

Q-4 Describe the production of Glutamic acid. (08)

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