



V.P.&R.P.T.P. SCIENCE COLLEGE
INTERNAL TEST
US04CMIC01(MICROBIOLOGY)

10/03/2014
MONDAY

TIME-1-00 TO 2-30PM
MARKS-30

- Que-1 Short questions(answer any three) (06)
- (a) Give comparison between normal animal and gnotobiotic animal.
 - (b) Differentiate between exotoxin and endotoxin.
 - (c) Give any four characteristics of industrially important microorganisms.
 - (d) Give the name of two bacterial and two viral airborne disease.
 - (e) Enumerate the condition affecting the death of microorganisms when exposed to antimicrobial agent.
 - (f) Mechanism of antimicrobial action caused by desiccation is similar to that caused by plasmolysis-justify.
- Que-2 Describe in detail about normal flora of skin and genitourinary tract. (08)
- OR
- Que-2 Write a note on types of infection and natural resistance to infection. (08)
- Que-3 Enlist different methods of enumeration of microorganisms in air and Explain any two in detail. (08)
- OR
- Que-3 Draw a neatly labeled diagram of typical fermenter and discuss devices for aeration and agitation in detail. (08)
- Que-4 Justify- High temperature can be used for control of microorganisms. (08)
- OR
- Que-4 Enlist and explain different kind of radiations that are destructive to microorganisms and comment on practical applications of each. (08)