

V.P. & R.P.T.P. SCIENCE COLLEGE  
B.Sc.; Internal Examination  
Microbiology: US05CMIC05  
09.10.19, Wednesday  
Time: 11.00 a.m.- 12.15 p.m.



Total Marks: 25

Q.1. Attempt the following multiple choice questions. (05)

1. A thick strand or root like aggregation of somatic hyphae is called the  
(a) sclerotia (b) rhizomorph  
(c) aplanospore (d) blastospore
2. A false tissue formed by aggregation of hyphae is known as  
(a) basidium (b) plectenchyma  
(c) collenchyma (d) sclerenchyma.
3. Substances formed by an organism that inhibits other organisms are  
(a) allelopathic substances (b) Autochthonous substances  
(c) Zymogenous matter (d) None of the above
4. Causative agent of small pox is  
(a) vaccinia virus (b) coronavirus  
(c) nipah virus (d) none of the above
5. Rocky mountain spotted fever is caused by -----.  
(a) *Rickettsia tsutsugamushi* (b) *Rickettsia rickettsii*  
(c) *Rickettsia typhi* (d) *Rickettsia felis*

Q.2. Write a note on fungal flagella. (05)

OR

Q.2. Describe the importance of fungi in the industrial field. (05)

Q.3. Describe Doermanns premature lysis experiment. (05)

OR

Q.3. Write a note on prions. (05)

Q.4. Write a note on Chlamydia. (05)

OR

Q.4. Write a note on archaebacteria. (05)

Q.5. Describe mutualism with an example. (05)

OR

Q.5. Enlist negative interactions amongst microorganisms and explain any one. (05)