



V.P.SCIENCE COLLEGE
S.Y.Bsc. Examination, 2019,
Internal test Semester-III

US03CBOT21-- PHYCOLOGY, MYCOLOGY AND PHYTO PATHOLOGY

Date: 03/10/2019

Day: Wednesday

Time: 3:00 to 4:15p.m.

Total Marks: 25

Note: * All questions are to be attempted.*Figures to the right indicate marks.

Q. 1	<p>Choose the most appropriate answer.</p> <p>1.The algologist who has done extensive research on cyanophycean algae is A) F.E.Fritsch B) R.N.Singh C) M.O.P. Iyengar D) R.S. Randhawa.</p> <p>2. Reserve food material in <i>Vaucheria</i> is A) Starch B) Protein C) Oil D) All of the above</p> <p>3.In <i>Agaricus</i>, the fruiting body is made up of: A) Primary mycelium B) secondary mycelium C) tertiary mycelium D) none of these</p> <p>4.Lichens are good indicator of: A) Air pollution B) water pollution C) soil pollution D) all the above</p> <p>5.White rust of crucifers is caused by: A) Puccinia B) ustilago C) cystopus D) peziza</p>	05
Q. 2	<p>1.Explain Structure of mature heterocyst of Nostoc.</p> <p>2. Classify-Polysiphonia</p> <p style="text-align: center;">OR</p>	02 03
Q. 2	<p>1. Draw neat and well labeled diagrams of cell structure of <i>Chlamydomonas</i>.</p> <p>2. Systematic position of <i>Chara</i>.</p>	03 02
Q. 3	<p>1.Give two characteristics of the thallus of <i>Synchytrium</i>.</p> <p>2.Define the term epibiotic and endobiotic</p> <p style="text-align: center;">OR</p>	03 02
Q. 3	<p>1.How does the infection of the host by the zoospore of Albugo take place?</p> <p>2. Classify-Aspergillus.</p>	03 02
Q. 4	<p>1. Write a note on edible fungi.</p> <p>2.What is symbiosis?</p> <p style="text-align: center;">OR</p>	03 02
Q. 4	<p>Role of fungi in Biotechnology.</p>	05
Q.-5	<p>Describe the symptoms, causal organism and control measure of Tikka disease of groundnut.</p> <p style="text-align: center;">OR</p>	05
Q.-5	<p>Differentiation between bacterial, viral and fungal diseases using morphological symptoms.</p>	05