

V.P. & R.P.T.P. SCIENCE COLLEGE

B.Sc. INTERNAL TEST SEMESTER V (CBCS)

SUB. BOTANY 03

CODE : USO5CBOT03

(MICROBIOLOGY, MICROTECHNIQUE AND FORESTRY)



DATE – 3/10/16 MONDAY TIME : 11.00 TO 12.30 MARKS - 25

Q. 1 Multiple choice questions . 03

(1) Some bacteria are not easily killed because of..

- (a) their tolerance power (b) chitinous wall
(c) capsule (d) endospore formation

(2) The process of passing fixed tissues through the series of increasing concentration of alcohol is..

- (a) Clearing (b) Fixation (c) Dehydration (d) Maceration

(3) An example of extremely durable wood is ..

- (a) *Sterculia urence* (b) *Bombax ceiba*
(c) *Tectona grandis* (d) *Albizzia lebbeck*

Q. 2 Short answer questions (attempt any two). 04

(1) Give economic importance of Actinomycetes.

(2) What is killing and fixation ?

(3) What is wood seasoning ?

Q.3 Write an essay on Bacterial staining. 06

OR

Q. 3 Describe the general structure of Virus. 06

Q. 4 Write short notes on :

(I) Carnoys fluids. (II) Advantages of Microtome 06

OR

Q. 4 Write a note on maceration. 06

Q. 5 Describe Wood preservation. 06

OR

Q. 5 (I) Describe Tans and Dyes. 03

(II) Write the main source and uses of fibres . 03