

V.P.& R.P.T.P.SCIENCE COLLEGE
INTERNAL TEST THEORY
S.Y.B.Sc. BOTANY
US04CBOT02



(Basics and Applications of Plant Science)

Date-17/03/18
Saturday

Time:3.00 p.m.-4.30p.m.
Marks:25

Q-1 Multiple choice questions. (03)

(i)Floral nectaries are found on:

- (a)Floral parts (b)vegetative parts (c)both(a) & (b) (d)none of these

(ii)Mendal conducted hybridization experiments with:

- (a)chick pea (b)garden pea (c)pigeon pea (d)wild pea

(iii)Plants containing nucleus of one species and cytoplasm of both the fusion parents are known as:

- (a)hybrids (b)clones (c)cybrids (d)cytoplasts

Q-2 Attempt any two questions. (04)

(i)Name the types of stomata.

(ii)Define: linkage.

(iii)Write the applications of biotechnology in medicine.

Q-3Describe the secondary growth in Leptadenia stem. (06)

OR

Q-3Write about the structure,types and function of Laticifers. (06)

Q-4Do as directed. (a)Discuss: 9:7 ratio. (03)

(b)Write in brief on dihybrid test-cross. (03)

OR

Q-4(a)Discuss :Supplementary genes. (03)

(b)What is incomplete dominance. (03)

Q-5What is tissue culture? Write in detail about its general process. (06)

OR

Q-5Write in detail about protoplast culture. (06)

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