

SECTION-B

2. Give a brief account on composition of plant tissue culture medium.
3. Write a detailed account on suspension culture.
4. Discuss chloroplast gene transfer, vectors and success in tobacco.
5. Discuss the role plant tissue culture in production of abiotic resistant crop plants.
6. Describe in detail the chloroplast gene transfer in potato.

SECTION-C

7. Give a detailed account on methods of gene transfer in crop plants.
8. Discuss in detail the role of plant tissue culture in production of secondary metabolites.
9. Explain in detail :
 - a. Molecular farming .
 - b. Gene Silencing.