

Sardar Bhagwan Singh University Balawala, Dehradun
X Assignment, M. Pharm II semester
School of Pharmaceutical Sciences and Technology
M. Pharm Pharmacognosy (1st year) II Sem
Subject- Medicinal Plant Biotech (MPG201-T)
Submission Date 30.05.2020

Attempt all question

Section A: Short answer questions

- Q. No.(1) what is the role of precursors and elicitors on production of secondary metabolites?
- Q. No. (2) Write short note on DNA structure
- Q. No. (3) Write a short note on vector mediated transgenic plant production
- Q. No. (4) Write a short note on gene transfer method.
- Q. No. (5) Write short note on advantages of mist bioreactor

Section B: Long answer question

- Q. No. (1) Write a detail note on application of PTC
- Q. No. (2) Write a detail note on protoplast fusion; discuss various methods of protoplast fusion?
- Q. No. (3) What is biotransformation and how is it applicable for the production of Secondary Metabolites?
- Q. No. (4) Write a detail note on application of transgenic plants
- Q. No. (5) Write a short note embryogenesis and explain its various stages of development