



ADVANCED PHARMACOGNOSY AND PHYTOCHEMISTRY

(Revised Scheme 2)

Q.P. CODE: 9212

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY (Answer any TWO)

2 X 20 = 40 Marks

1. Describe the biosynthesis of important cardenolides.
2. Describe the phytochemistry of plant phenols and alkaloids.
3. Explain the factors involved in the production of crude drugs.

SHORT ESSAY (Answer any FIVE)

5 X 10 = 50 Marks

4. Write the Structural elucidation of cholesterol.
5. Write a note on the cultivation and post harvesting techniques for digitalis.
6. Write a short note on recent advances in phytochemical research.
7. Write the general method of isolation and purification of marine drugs.
8. Write about the methods of screening of anti-diabetics.
9. Describe the role of auxins and abscisic acid in plant growth.

SHORT NOTES

2 X 5 = 10 Marks

10. Applications of ethno medicines.
11. Medicinal yams.

* * * * *