



Advanced Pharmacognosy and Phytochemistry
(Revised Scheme 4)

Q.P. CODE: 9384

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

LONG ESSAY (Answer any TWO)

2 X 20 = 40 Marks

1. Explain the method of extraction, isolation and purification of Alkaloids and Volatile oils.
2. Write the method of extraction, estimation and biogenesis of Steroids and Terpenes.
3. Write the screening methods used for medicinal plants for antidiabetics and hypolipidaemics.

SHORT ESSAY (Answer any FIVE)

5 X 10 = 50 Marks

4. Write the extraction and estimation of Polyphenols.
5. Explain the role of complementary alternative medical systems for search of new drugs.
6. Write the screening methods for anti-oxidants.
7. Explain the different methods of authentication of plants.
8. Write the basic concepts of research and fundamentals in research process.
9. Write about secondary metabolites for various pharmacological activities.

SHORT NOTES

2 X 5 = 10 Marks

10. Interaction of herbs with food
11. Natural Bitters and colouring agents

* * * * *