



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 different methods of extraction for medicinal and aromatic plants, mention factors affecting choice of extraction.
2. Explain the screening methods used for medicinal plants for antidiabetic activity.
3. Explain the chemistry, biogenesis and method of extraction of any one class of alkaloids.

SHORT ESSAY (Answer any FIVE)

5 X 10 = 50 Marks

4. Explain WHO Guidelines on safety monitoring of herbal medicine in pharmacovigilance systems.
5. Write a short note on ethnomedicine approach for drug discovery.
6. Write the potentials of marine pharmacognosy.
7. Write a note on basic concepts of research and fundamentals in research process.
8. Write a note on cell line cultures for screening of anticancer activities.
9. Write a brief note on isolation and purification of phytoconstituents using chromatography.

SHORT NOTES

2 X 5 = 10 Marks

10. Nutraceuticals
11. Complementary and Alternative Medical system (CAM)

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