



Advanced Pharmacognosy -II

Q.P. CODE: 5174

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

LONG ESSAY (Answer any Three)

3 X 10 = 30 Marks

1. Explain the different types, causes and measures of adulteration of herbal drugs.
2. Write the analytical profiles of *Andrographis paniculata* and *Boswellia serata*.
3. Explain the ethnobotany in herbal drug evaluation and impact in traditional medicine.
4. Explain the In-vivo evaluation techniques for anti-inflammatory and anti-ulcer activities.

SHORT ESSAY (Answer any Nine)

9 X 5 = 45 Marks

5. Write a note on reverse Pharmacology.
6. Write the determination of heavy metals in herbal drugs.
7. Explain the efficacy of herbal medicine products.
8. Explain the In-vitro evaluation techniques for anti-oxidant activity.
9. Explain the validation of herbal therapies.
10. Write the microbial contamination in herbal formulation.
11. Explain the determination of Foreign Organic Matter.
12. Justify the need for Phytopharmacological screening.
13. Explain the Pharmacodynamic issues.
14. Write a note on Phytotoxins.

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