

PHARMACOGNOSY – III

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) Write the chemical tests for tannins.
 - (b) Define immobilization.
 - (c) What is the basic difference between conventional TLC and HPTLC?
 - (d) What are the applications of Affinity Chromatography?
 - (e) Write the biological source of Gokhru.
 - (f) What are Lehyas?
 - (g) Define Cosmeceuticals.
 - (h) What are the applications of Garlic in Nutraceuticals?
 - (i) What is the source of Talc?
 - (j) Write the biological source of any two natural dyes.

PART – B

(Answer all five units, 5 X 10 = 50 Marks)

UNIT – I

- 2 Outline the estimation of any two phytoconstituents.

OR

- 3 Explain various methods of growth measurements in plant tissue culture.

UNIT – II

- 4 Explain the applications of HPTLC in the evaluation of herbal drugs.

OR

- 5 Write a detailed note on the finger printing of drugs of natural origin.

UNIT – III

- 6 Write a pharmacognostic note on Bilva and Punarnava.

OR

- 7 Write a short essay on Siddha system of medicine.

UNIT – IV

- 8 Write a brief note on Cosmeceuticals.

OR

- 9 Outline the role of herbs in Nutraceuticals.

UNIT – V

- 10 Write a pharmacognostic note on Kaolin and Talc.

OR

- 11 Write a short essay on natural products of current interest.
