

(LQ 2046)

MARCH 2020

Sub. Code: 2046

B.PHARM. DEGREE EXAMINATION
PCI Regulation – SEMESTER IV
PAPER V – PHARMACOGNOSY AND PHYTOCHEMISTRY– I

Q.P. Code: 562046

Time: Three hours

Maximum: 75 Marks

I. Elaborate on: Answer any TWO questions.

(2 x 10 = 20)

1. Define the term Pharmacognosy. Write a detail notes on the history and scope of Pharmacognosy.
2. Write an account on Plant hormones and their application in Pharmacognosy.
3. Define the term Plant tissue culture. Write a detail notes on callus culture.

II. Write notes on: Answer any SEVEN questions.

(7 x 5 = 35)

1. Pharmacological classification of crude drugs.
2. Chemical evaluation of crude drugs.
3. Leaf constants.
4. Role of Pharmacognosy in Siddha.
5. Write a brief note on Glycosides.
6. Cotton.
7. Acacia.
8. Flavonoids.
9. Sources of drugs from animal origin.

III. Short answers on: Answer ALL questions.

(10 x 2 = 20)

1. Alphabetical classification of crude drugs.
2. Organoleptic evaluation.
3. Polyploidy.
4. Chemically undefined medium.
5. Principles involved in Homeopathy.
6. Chemical test for tannins.
7. Hallucinogens.
8. Streptokinase.
9. Chemical test for Honey.
10. Organized drugs.
