

[Total No. of Questions - 15] [Total No. of Printed Pages - 2]  
(2064)

14820

**B. Pharmacy (Ayurveda) 6th Semester Examination**

**Pharmacognosy-III**

**Paper-V**

**Time : 3 Hours**

**Max. Marks : 90**

*The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.*

**Note :** Attempt any two questions from Section-A, any five question from Section-B, and all questions from Section-C.

**SECTION - A**

1. Explain the biosynthesis of flavonoids in detail. (15)
2. What is plant tissue culture? Explain general procedures involved in plant tissue culture. (15)
3. Define chromatography. Discuss various types of chromatography procedure and their applications. (15)

**SECTION - B**

4. Define plant adaptogens. Explain two plant adaptogens. (10)
5. Discuss the biosynthesis of tropane alkaloids. (10)
6. What are plant growth regulators? Write the physiological actions exerted by Abscisic Acid. (10)
7. How ash values & extractive values are useful in standardisation of crude drugs? (10)
8. Give biological source, preparation, tests and uses of popain. (10)

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[P.T.O.]