

[Total No. of Questions - 6] [Total No. of Printed Pages - 2]  
(2066)

16325(J) June-16

**B. Pharmacy (Ayurveda) 4th Semester Examination**

**Pharmaceutical Analysis of Ayurvedic Drugs-I (NS)**

**BPA-421**

**Time : 3 Hours**

**Max. Marks : 70**

*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 All the questions.

1. (i) Write the uses of GLC.
- (ii) Write the preparation of spray reagent-Iodine reagent in respect of TLC.
- (iii) What is decoction?
- (iv) Write about maceration.
- (v) Write the microscopic methods of examining herbal raw material.
- (vi) Write the methods of determination of acid insoluble ash.
- (vii) Write about determination of volatile oil content.
- (viii) Write the staining procedure of lignified cells.
- (ix) Write analysis of sugar content.
- (x) Name the different methods of chromatographic techniques. (2×10=20)

2

16325

2. Write the concept of metal toxicity. (10)
3. Explain TLC in detail. (10)
4. Write the methods for analysis of raw material and single ayurvedic drugs. (10)
5. What is GLC? (10)
6. What is liquid chromatography? (10)

[P.T.O.]