

[Total No. of Questions - 18] [Total No. of Printed Pages - 2]  
(2123)

1557

**B. Pharmacy 1st Semester Examination**

**Pharmacognosy-I (N.S.)**

**BP-115**

**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.*

**SECTION - A**

*Answer any two:*

1. Write in details about taxonomical characters of the family Apocynaceae. **(10)**
2. What are the factors affecting cultivation of medicinal plants? Discuss the importance of soil and soil fertility for the cultivation. **(10)**
3. Discuss the future scope of pharmacognosy. **(10)**

**SECTION - B**

*Answer any Eight:*

1. Write a note on different mounting and clearing agents used in microscopy.
2. Write a note on biological method of pest control.
3. Auxin as plant growth regulators.
4. Give chemical classification of medicinal plants.
5. Write a note on quantitative method of evaluation by microscopy.

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**[P.T.O.]**

6. Marine sources of crude drugs.
7. Asexual method of cultivation.
8. Write a note on liliaceae family.
9. Discuss importance of extractive values and Ash values in evaluation of crude drugs.
10. Plant tissue culture as a source of drugs. **(5×8=40)**

### **SECTION - C**

*Answer all the questions:*

1. Define stomatal number and stomatal index.
2. Give examples of plants belonging to family Solanaceae.
3. Give the name of four crude drugs used in the treatment of malaria.
4. Differentiate organized and unorganized crude drugs.
5. Define adulteration. Give examples of deliberate adulteration. **(2×5=10)**