

[Total No. of Questions - 18] [Total No. of Printed Pages - 2]  
(2124)

1680

**B. Pharmacy 1st Semester Examination**

**Pharmacognosy-I (NS)**

**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.*

**Note :** Attempt any two questions from Section-A, any eight questions from Section-B. Section-C is compulsory and students have to attempt all questions from Section-C.

**SECTION - A**

1. Explain the various factors influencing cultivation of medicinal plants. (10)
2. Write short note on—
  - (a) Marine sources of drugs.
  - (b) Biological evaluation. (5×2=10)
3. Explain diagnostic characters of the family Leguminosae with examples of medicinally important plants. (10)

**SECTION - B**

4. Define Adulteration. Discuss its various types. (5)
5. What do you understand by Pharmacological and chemical classification of crude drugs? (5)
6. Write the importance of plant tissue culture as sources of drugs. (5)

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

7. Write a note on scope and development of Pharmacognosy. (5)
8. Give biological source of two medicinal plants from family Apocyanaceae and Umbelliferae. (5)
9. Explain various methods for physical evaluation of crude drugs. (5)
10. Write distinguishing characters of family Rutaceae. (5)
11. Discuss in brief various methods involved in pest management. (5)
12. Write a short note on various tools used in microscopy. (5)
13. Explain the term polyploidy and mutation with reference to medicinal plants. (5)

#### SECTION - C

14. Define crude drug. (2)
  15. Give floral formula of Rubiaceae family. (2)
  16. What are Auxins? (2)
  17. Give two examples of drugs from mineral sources. (2)
  18. What are chemo-microscopic reagents? Give example. (2)
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