

[Total No. of Questions - 9] [Total No. of Printed Pages - 2]
(2124)

1673

B. Pharmacy 1st Semester Examination

Pharmacognosy-I (OS)

HBP-107

Time : 3 Hours

Max. Marks : 80

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 five questions in all, selecting one question each from Sections A, B, C and D. Section E is compulsory. All questions carry equal marks.

SECTION - A

1. Write an informative note on various sources of plant drugs. (16)
2. Enumerate various ways in which drugs from natural sources can be classified. Give detailed account of chemical system of classification. (16)

SECTION - B

3. Write an account of general floral characters of Solanaceae. (16)
4. Give two examples each of medicinal plants from Apocynaceae, Rutaceae, Liliaceae and Compositae. (16)

SECTION - C

5. Write a detailed note on auxins. (16)
6. Explain the role of microscopy in detecting adulteration of crude drugs. (16)

[P.T.O.]

SECTION - D

7. Write a pharmacognostic note on honey. (16)
8. Define Alkaloids, Carbohydrates, Cardiac glycosides and Flavonoids giving two examples each of medicinal plants containing these group of phytoconstituents. (16)

SECTION - E

9. (a) Give biological source, active constituents and uses of rice bran oil.
- (b) Give biological source, active constituents and uses of tragacanth gum.
- (c) Define, giving two examples, anthraquinone glycosides.
- (d) Enumerate four factors influencing cultivation of medicinal plants.
- (e) Differentiate between organoleptic and morphologic characters.
- (f) What is the role of gibberelins in plant growth?
- (g) Define pharmacognosy.
- (h) Write the general floral formulae of Rubiaceae and Papaveraceae. (2×8=16)