

16355(J) 3-16

B. Pharmacy 2nd Semester Examination

Pharmacognosy-I (CBS)

BP-204

Time : 3 Hours

Max. Marks : 60

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. Select one question each from Section A, B, C and D. Section E is compulsory.

SECTION - A

1. Define pharmacognosy. Write in detail about history, scope and development of pharmacognosy. (12)
2. Define leaf and its functions. Discuss in detail about modification of leaf. (12)

SECTION - B

3. Describe plant cell and its components diagrammatically. (12)
4. Write and differentiate monocot and dicot root anatomically and morphologically. (12)

SECTION - C

5. Discuss morphological, chemical and pharmacological classification of crude drugs in detail. (12)
6. Write exhaustive notes on the following.
 - (a) Plant hormones and their applications.
 - (b) Pest management and natural pest control agents.

(6+6=12)

[P.T.O.]

SECTION - D

7. Write diagnostic characters, floral diagram, floral formula, names and medicinal and economically importance of any two plants of family solanaceae and umbellifereae. (12)

8. Write exhaustive notes on the following:

(a) Rutaceae

(b) Liliaceae

(6+6=12)

**SECTION - E
(Compulsory Question)**

9. Give short answer:

(a) Functions of fruits.

(b) Monocot stem.

(c) Microscopes.

(d) Dicot leaf.

(e) Alphabetical classification.

(f) Mutations.

(g) Polyploidy.

(h) Marine as source of drugs.

(8×1½=12)