

B. Pharm First Semester (Old)
35141 : Pharmacognosy - I : 1.4

P. Pages : 1

Time : Three Hours



AU - 0656

Max. Marks : 60

- Notes :
1. All question carry equal marks.
 2. Answer **any five** question.
 3. Illustrate your answer necessary with the help of neat sketches.
 4. Use of pen Blue/Black ink/refill only for writing the answer book.

- | | | | |
|----|------|---|----|
| 1. | a) | Give classification of tannins with examples. | 6 |
| | b) | Give pharmacognostic study of Turmeric | 6 |
| 2. | | Write biological source, chemical constituents and uses of any three . | 12 |
| | i) | Behada | |
| | ii) | Haldi | |
| | iii) | Neem | |
| | iv) | Amla | |
| | v) | Shatavari | |
| 3. | a) | Describe plant cell structure. | 6 |
| | b) | Give history and scope of pharmacognosy. | 6 |
| 4. | | Explain different factors affecting on cultivation, collection and processing of crude drugs. | 12 |
| 5. | | Define Alkaloid. Give its classification with examples and give general identification tests of Alkaloid. | 12 |
| 6. | | Define plant taxonomy. Explain system of classification of plant with suitable examples. | 12 |
| 7. | | Write short notes on any three . | 12 |
| | i) | Lycopodium spore method. | |
| | ii) | Plant tissue cultures. | |
| | iii) | Xylem and phloem. | |
| | iv) | Trichomes. | |
| | v) | Morphology and Histology of Bark. | |
