

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

P. Pages : 1

Time : Three Hours



AV - 2319

Max. Marks : 60

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- Notes :
1. All question carry equal marks.
 2. Answer **any five** questions.
 3. Use of pen Blue /Black ink/refill only for writing the answer book.

1. What are crude drug? Explain different systems of classification of drugs with examples. 12
2. a) Write short note on. Plant tissues. 6
b) Explain morphology and histology of Bark. 6
3. What are alkaloids. Give its classification with examples and explain general methods of its isolation. 12
4. Write biological source, chemical constituents and uses of 12
i) Amla ii) Gokhru
iii) Haldi iv) Neem.
5. Explain different factors affecting cultivation, collection and processing of crude drugs. 12
6. What are tannins? Give its classification with examples and explain Pharmacognostic account of Black catechu and myrobalan. 12
7. Write short note **any three**. 12
a) Glycosides.
b) Lycopodium spore method.
c) Morphology & histology of leaf.
d) Carbohydrate.
