

QP Code: 105330

Reg No:

First Year M.Pharm Degree Examinations – July 2015

(Pharmacognosy & Phytochemistry)

Paper I - Phytochemistry

Time: 3 hrs

Maximum Marks: 100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays:

(2x20 =40)

1. Mention the biogenetic pathways of quinoline and isoquinoline alkaloids. Discuss the chemistry of its alkaloids and official sources and constituents of one alkaloid from each category
2. What do you mean by chemotaxonomy. Briefly explain significance of chemotaxonomical studies with special reference to therapeutically important plant products.

Short Essays:

(6x10=60)

3. Discuss spectroscopic methods of standardization for quality control of crude drugs
4. Explain herbal cosmetics
5. Discuss the method of extraction, isolation purification and estimation of cardiac glycosides.
6. Discuss the source, constituents, pharmacological action and uses of two drugs containing cerotenoids and terpenoids.
7. Explain the role of natural products as leads for discovery of new drugs
8. What are phytoestrogens. Discuss official sources, constituents and uses of any three phytoestrogen
