

[LC 809]

APRIL 2013

Sub. Code: 3809

**DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION****SECOND YEAR****PAPER III – PHARMACOGNOSY AND PHYTO PHARMACEUTICALS***Q.P. Code: 383809***Time: Three Hours****Maximum: 100 marks****Answer All questions****I. Elaborate on:****(2 x 20 = 40)**

1. Define Fibers, classify with examples and write a detailed account on plant fibers used in surgical dressing and related products.
2. Define and classify proteins, write a note on chemistry, method of extraction, method of analysis of proteins, write a note on any one protein containing drug.

**II. Write notes on:****(10 x 6 = 60)**

1. Explain the general microscopical features of leaf drug with a neat labeled microscopical diagram of the characteristic features.
2. Write a note on natural pesticides with examples and give details about any one natural pesticides.
3. Write a note on plant fibers used in surgical dressings.
4. Enumerate the history and scope of Pharmacognosy.
5. Write a short note on cell constituents with their different functions.
6. Explain about the chemotaxonomy with suitable examples.
7. Compare & contrast volatile oils and fixed oils with examples.
8. Write in detail about any two carbohydrate containing drugs.
9. Write a note on chemistry of lipids, Explain any one lipid containing drug.
10. Explain the morphological and pharmacological classification of crude drugs with examples.

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