

[LM 809]

MAY 2018

Sub. Code: 3809

**PHARM. D DEGREE EXAMINATION**  
**(2009-2010 Regulation)**  
**SECOND YEAR**  
**PAPER III - PHARMACOGNOSY AND PHYTOPHARMACEUTICALS**

*Q.P. Code: 383809*

**Time: Three hours****Maximum : 70 Marks****I. Elaborate on:****(4 x 10 = 40)**

1. Discuss about the different methods of classification of crude drugs along with their advantages and disadvantages.
2. Explain briefly about factors affecting cultivation of medicinal plants.
3. Write the source, preparation, chemical constituents, identification tests and uses of absorbent cotton.
4. Definition, classification and methods of analysis of protein with examples. Write the source, preparation, chemical constituents, chemical tests and uses of Gelatin.

**II. Write notes on:****(6 x 5 = 30)**

1. Write briefly about processing and storage of crude drugs.
2. Write in details about cell wall constituents.
3. Write the method of preparation, chemical constituents and uses of hydrous wool fat.
4. Differentiate cassia bark from Ceylon cinnamon bark.
5. Write the biological source, chemical constituents, chemical tests and uses of Agar.
6. Macroscopy and microscopy of any one alcohol type of volatile oil containing drug.

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