

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LN 809]

OCTOBER 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. Define crude drug. Write the classification of crude drugs with examples.
2. Write in detail about cell and cell inclusions.
3. Define carbohydrates. Write in detail about one carbohydrate containing drug.
4. Write the factors affecting the cultivation of medicinal plants.

**II. Write notes on:**

**(6 x 5 = 30)**

1. History and scope of Pharmacognosy.
2. Insect flower.
3. Macroscopy and Powder Microscopical character of any one bark drug.
4. Absorbent cotton.
5. Types of adulteration.
6. Chemistry of lipids.

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