

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

[PHARMD 0122]

**JANUARY 2022
(OCTOBER 2021 EXAM SESSION)**

Sub. Code: 3809

**PHARM. 'D' DEGREE EXAMINATION
SECOND YEAR (2009-2010 Regulation)
PAPER III – PHARMACOGNOSY AND PHYTOPHARMACEUTICALS
*Q.P. Code : 383809***

Time : Three hours

Answer ALL Questions

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Define Crude drugs and explain the history of pharmacognosy.
2. Explain the chemistry and methods of analysis of Proteins.
3. Elaborate the role of plant growth regulators in cultivation of medicinal plants.
4. Define pest and elaborate on various pest control methods.

II. Write notes on:

(6 x 5 = 30)

1. Enumerate the plant fibers and describe in detail about jute fiber.
2. Discuss about cell wall constituents.
3. Describe the methods of analysis of lipids.
4. Describe the macro and microscopic features of any one Umbelliferous fruit.
5. Discuss the merits and demerits of cultivation of crude drugs.
6. Define adulteration and outline two identification tests for carbohydrates.
