

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

[BPHARM 0122]

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

Sub. Code: 4261

**B.PHARMACY DEGREE COURSE (NON-SEMESTER EXAMINATIONS)
THIRD YEAR (Regulation 2009-2010)
PAPER I – PHARMACOGNOSY AND PHYTO-CHEMISTRY
Q.P. Code: 564261**

Time: Three hours

Answer ALL questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the Source, Cultivation, Collection, Macroscopy and Microscopy, constituents, uses, adulterants and substitute of Ergot.
2. Write the Source, Cultivation, Collection, Macroscopy and Microscopy, Constituents, uses, adulterants and substitute of Cardamom.

II. Write notes on:

(8 x 5 = 40)

1. Source and Active constituents of Physostigma.
2. Cultivation and collection methods of Tea.
3. Microscopy of Datura.
4. Life cycle of Ergot.
5. Chemical evaluation of crude drug.
6. Various classification of crude drug
7. Discuss about Cotton.
8. Describe Hepato toxic drugs.

III. Short answers on:

(10 x 2 = 20)

1. Kellar Kiliani test.
2. Borntragers test.
3. Source of Areca.
4. Adulterants and substitutes of Honey.
5. Constituents of Dioscorea.
6. Source of Ipecac.
7. Any TWO crude drugs for Tumor inhibitors.
8. Any TWO synthetic fibres.
9. Source of Taxol.
10. Various types of stomata.
