

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

[BPHARM 0522]

**MAY 2022
(FEBRUARY 2022 EXAM SESSION)**

Sub. Code: 4261

**B. PHARMACY DEGREE EXAMINATION
THIRD YEAR – (NON-SEMESTER)
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 Clove.
2. Write the Source, Cultivation, Collection, Macroscopy and Microscopy, Constituents, uses, adulterants and substitute of Senna.

II. Write notes on:

(8 x 5 = 40)

1. Physical evaluation.
2. Chemical tests for Digitalis.
3. Microscopy of Nux Vomica.
4. Life cycle of Ergot.
5. Chemical evaluation of crude drug.
6. Preparation of Oxidized Cellulose
7. Discuss about animal fibres.
8. Describe Hepato toxic drugs.

III. Short answers on:

(10 x 2 = 20)

1. Sources of Soya.
2. Borntragers test.
3. Source of Agar.
4. Adulterants and substitutes of Honey.
5. Constituents of Dioscorea.
6. Source of Spirulina.
7. Any TWO crude drugs for Hypoglycemic.
8. Any TWO synthetic fibres.
9. Chemical test for Tannic acid.
10. Various types of stomata.
