

[LG 348]

APRIL 2015

Sub. Code: 2909

**M.PHARM. DEGREE EXAMINATION
FIRST YEAR
BRANCH III – PHARMACOGNOSY
PAPER III – BIOGENESIS AND CHEMISTRY OF
NATURAL PRODUCTS**

Q.P. Code : 262909

Time : Three hours

Maximum : 100 marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail about the Biosynthesis, Chemistry, Isolation, and Purification of Penicillin.
2. Describe in detail about various methods of screening of natural products for Hepato Protective Activity.

II. Write notes on:

(10 x 6 = 60)

1. Photosynthesis
2. Methods of isolation and purification of Vasopressin
3. Chemistry of Reserpine
4. Vitamin - B12
5. Industrial method of isolation of Quinine
6. Screening of natural products for antiviral activity
7. Industrial methods of isolation and estimation of Diosgenin
8. Chemistry and estimation of Scillaren-A
9. Industrial method of isolation of Forskolin
10. Industrial method of isolation of Pectin
