

[LC 348]

NOVEMBER 2012
M.PHARM. DEGREE EXAMS
FIRST YEAR
BRANCH III – PHARMACOGNOSY
PAPER III – BIOGENESIS AND
CHEMISTRY OF NATURAL PRODUCTS
Q.P. Code : 262909

Sub. Code: 2909

Time : 3 hours

Maximum : 100 marks

I. Elaborate on :

(2x20=40)

1. Study of techniques employed in the elucidation of Biosynthetic pathways.
2. General methods of screening natural products for
 - a) Hypoglycemic activity and
 - b) Diuretic activity

II. Write notes on :

(10x6=60)

1. Aromatic Biosynthesis.
2. Estimation of Digoxin.
3. Chemical structure and uses of Atropine, Folic acid and Scillaren A.
4. Industrial method of isolation and estimation of Citric acid.
5. Antiulcer activity.
6. Hepatoprotective activity.
7. Stereochemistry of Cholesterol.
8. Photosynthesis.
9. Differentiate transpiration and guttation.
10. Isolation of Hesperidin.
