

QP CODE: 114331

Reg. No:.....

First Semester M.Pharm Degree Supplementary Examinations July 2019

M.Pharm (Pharmaceutical Chemistry)

Paper IV - Chemistry of Natural Products (MPC 104T)

Time: 3 Hours

Total Marks: 75

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essays

(3x10=30)

1. Describe briefly the classification, isolation and purification of flavonoids.
2. Discuss the chemistry of adreno-corticoids and vitamin D
3. Explain briefly the chemistry of Macrolide antibiotics (any two).

Short Notes

(9x5=45)

4. The chemistry and physiological significance of niacin
5. The chemistry of lovastatin
6. Give the stereochemistry of ephedrine.
7. The principle of RNA estimation
8. Explain the structural elucidation of penicillin
9. The chemistry of paclitaxel.
10. Give the active chemical constituents of *Gymnema Sylvestre*
11. The chemistry of sapogenin.
12. The structural elucidation of phytol.
