

QP Code: 107331

Reg No: .....

First Year M.Pharm Degree Examinations– September 2014

(2011 Scheme)

(Pharmaceutical Chemistry)

Paper III – Chemistry of Natural Products

Time: 3 hrs

Maximum Marks: 100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays:

(2x20 =40)

1. Explain in detail the nomenclature and stereochemistry of steroids
2. Define and classify terpenoids with suitable structures. Add a note on constitution of terpineol

Short Essays:

(6x10=60)

3. Explain in detail the conversion of beta carotene to vitamin A . Add a note on constitution of vitamin A
4. Explain the different methods for the evaluation of cardio vascular activity of herbal drugs
5. Enumerate the marine natural products with the therapeutic potential
6. Explain the structural determination of xanthotoxins
7. Explain in detail, the isolation and characterization of any one important neutraceuticals
8. Discuss the role of natural products in new drug development.

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