

OP Code: 106330

Reg No: .....

First Year M.Pharm Degree Examinations- February 2013

(2011 Admn- New Scheme)

(Pharmacognosy & Phytochemistry)

Paper II- Advanced Pharmacognosy

Time: 3 hrs

Maximum Marks: 100

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

Essays:

(2x20=40)

1. Discuss the role of fertilizers in the production of secondary metabolites, particularly nitrogen fertilizers.
2. What are growth regulators. Describe in detail the role of growth regulators in drug cultivation. What are synthetic growth inhibitors.

Short Essays:

(6x10=60)

3. Endangered species of plants
4. Mutation and polyploidy
5. WHO guidelines on good agricultural practices for medicinal plants.
6. Cultivation of Ashwagandha
7. Mineral supplements needed for cultivation of medicinal plants
8. Plant breeding techniques

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