

QP Code: 107330

Reg No:

First Year M.Pharm Degree Examinations – September 2013

(2011 Scheme)

(Pharmacognosy & Phytochemistry)

Paper III - Applied Pharmacognosy and Plant Biotechnology

Time: 3 hrs

Maximum Marks: 100

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

Essays:

(2x20 =40)

1. How will you evaluate herbal drugs hepatoprotective and immuno modulatory activities.
2. Discuss in detail the gene transfer techniques in plants and mention its applications

Short Essays:

(6x10 = 60)

3. Explain international patent laws and amendments applicable for natural products.
4. How will you determine the shelf life of herbal formulations.
5. What are the general standards for ayurvedic formulations.
6. What are the applications of fermentation technology
7. Discuss briefly about cryopreservation
8. What are the uses of DNA markers in utilization of medicinal plants
