

QP Code: 107330

Reg No:

First Year M.Pharm Degree Supplementary Examinations– March 2014

(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 having anti fertility and anti cancer activities.
2. Explain the gene recombination and methods of plant breeding in detail

Short Essays:

(6x10 =60)

3. What are the applications of markers in herbal drug standardization
4. Explain Indian patent laws and amendments applicable for natural products.
5. What are asavas and arishtas. Describe its methods of preparation and evaluation.
6. Explain plant chromosome analysis
7. Describe synthetic seeds in detail
8. Explain the screening and selection of high yielding cell lines
