

QP CODE: 211330

Reg. No:.....

Second Semester M.Pharm Degree Examinations August 2018

M.Pharm (Pharmacognosy)

Paper I: Medicinal Plant Biotechnology (MPG 201T)

(2017 Scheme)

Time: 3 Hours

Total Marks: 75

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essays

(3x10=30)

1. Describe the applications of plant biotechnology in pharmacy.
2. Describe in detail about the protoplast culture techniques.
3. Describe on the immobilization technique and its application

Short Notes

(9x5=45)

4. Cloning of plant cell
5. Bioreactors
6. Discuss about DNA replication
7. Micro propagation of plants
8. Transgenic plants
9. Cell signaling
10. Application of fermentation technology
11. Pepsin
12. Embryogenesis
