

QP Code: 107330

Reg No: .....

**First Year M.Pharm Degree Examinations August 2016**  
**(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. Explain the procedures to determine shelf life of herbal formulations with suitable evaluation methods.
2. Explain how high throughput screening technique used in herbal drug discovery.

**Short Essays:** **(6x10=60)**

3. Methods of screening medicinal plant extracts/formulations for anti diabetic activity.
4. Effects of herbal drugs on CVS activity.
5. Mention the adverse effects caused by herbal drugs.
6. Herb drug interaction.
7. Brief note on the preparation of phytosomes.
8. Use of PCR in gene mapping technique.

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