

#### [Time: 3 Hours] [Max ADVANCED PHARMACOGNOSY AND PHYTOCHEMISTRY

University of www.FirstRanker.com

(RS2 & RS3)

# Q.P. CODE: 9212

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary.

### LONG ESSAY (Answer any TWO)

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1. Define and classify pests. Explain the different methods of pest control.

First Year M.Pharm Degree Examination -

- 2. Give herbal database for adaptogenic and immunomodulatory activity. Explain their role in public health in the current scenario.
- 3. Explain the general methods of isolation, identification and chemistry of alkaloids.

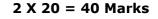
## SHORT ESSAY (Answer any FIVE)

- 4. Write in detail the method of cultivation, collection and post harvesting technology of lemon grass.
- 5. Define marine pharmacognosy. Write the general methods involved in isolation and purification of phytoconstituents from marine sources.
- 6. Explain the structural elucidation of atropine.
- 7. Write in detail the method of cultivation, collection and post harvesting technology of Guggul.
- 8. What are pesticides and weedicides? Explain their control with more emphasize on natural pesticides.
- 9. Explain the research in medicinal plants possessing anti-diabetic activity.

#### SHORT NOTES

- 10. Write a note on complementary and alternate medicine.
- 11. Write a note on medicinal plants containing steroids.

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5 X 10 = 50 Marks

2 X 5 = 10 Marks

NOVEMBER 2015 [Max. Marks: 100]