

Rajiv Gandhi University of Health Sciences
First Year M.Pharm Degree Examination - May 2013

[Time: 3 Hours]

[Max. Marks: 100]

ADVANCED PHARMACOGNOSY AND PHYTOCHEMISTRY**(Revised Scheme 2)****Q.P. CODE: 9212**

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

LONG ESSAY (Answer any TWO)**2 X 20 = 40 Marks**

1. Write the detailed method of screening of antimicrobial and cardiovascular agents.
2. Explain the factors involved in the production of crude drugs.
3. Describe the phytochemistry of plant alkaloids and phospholipids.

SHORT ESSAY (Answer any FIVE)**5 X 10 = 50 Marks**

4. Write a note on the cultivation and post harvesting techniques for steroids bearing Solanum.
5. Write the Structural elucidation of amygdaline.
6. Write the role of pesticides and weedicides.
7. Explain the biosynthesis of morphine.
8. Write about the methods of screening of anti-fertility agents.
9. Give the chemistry and uses of cardiovascular and anti cancer marine drugs.

SHORT NOTES**2 X 5 = 10 Marks**

10. Digitalis
11. Chemotaxonomy.

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