

# Rajiv Gandhi University of Health Sciences, Karnataka

## First Year M. Pharm Degree Examination – NOV 2016

**Time: Three Hours****Max. Marks: 100 Marks****ADVANCED PHARMACOGNOSY AND PHYTOCHEMISTRY****(Revised Scheme 4)****Q.P. CODE: 9384**

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

**LONG ESSAYS (Answer any Two)****2 x 20 = 40 Marks**

1. Describe the basic concepts of herbal research technology and the ethnomedicine approach to new drug discovery.
2. Explain the application of different chromatography techniques in the isolation and identification of phytoconstituents.
3. Natural products as leads in the designing of new drugs for the treatment of cardiovascular drugs and anticancer drugs.

**SHORT ESSAYS (Answer any FIVE)****5 x 10 = 50 Marks**

4. Screening of plant extracts for their hepatoprotective activity.
5. WHO guidelines about safety monitoring of herbal drugs.
6. Thin layer chromatography and its application in herbal drug analysis.
7. Different factors affecting the choice of extraction.
8. Methods for authentication of plants
9. The role of High Throughput Screening in the drug discovery.

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

10. Herbarium preparation and its importance.
11. Herbal drugs used for diabetics.

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