

# Rajiv Gandhi University of Health Sciences, Karnataka

## I Year B. Pharm Degree Examination – MAY 2017

**Time: Three Hours****Max. Marks: 70 Marks**

### PHARMACOGNOSY – I (Revised Scheme 3)

**Q.P. CODE: 2603**

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

**LONG ESSAYS (Answer any Two)****2 x 10 = 20 Marks**

1. Explain the various factors affecting the cultivation of crude drugs with examples.
2. Define Adulteration and Evaluation. Explain the different types of Adulteration of crude drugs with examples.
3. Explain the method of extraction, chemistry and analysis of lipids.

**SHORT ESSAYS (Answer any Six)****6 x 5 = 30 Marks**

4. Collection and processing of Opium.
5. Morphology and microscopy of one stem drug.
6. Chemical method of classification of crude drugs.
7. Conservation of medicinal plants.
8. Source, method of production, Chemical constituents and uses of Sodium alginate.
9. Write the methods of analysis of proteins.
10. Source, Chemical constituents, uses of Wool fat and Coca butter.
11. Give the chemical tests to distinguish Agar and Acacia.

**SHORT ANSWERS****10 x 2 = 20 Marks**

12. Propagation of crude drugs.
13. Define trichomes. Classify them.
14. Microscopical difference between Senna and Datura.
15. Name one anti-hypertensive. Write its source and its constituents.
16. Define Vitta. Name the drug which contain it and write its source.
17. Comment on Tobacco as a natural pesticide.
18. What is Hilum and Microphyle?
19. Chemical test for starch.
20. Chemical constituents of Quassia.
21. Source and uses of Ergot.

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