

# Rajiv Gandhi University of Health Sciences, Karnataka

## I Year B.Pharm Degree Examination – Mar 2013

**Time: Three Hours****Max. Marks: 80 Marks**

### PHARMACOGNOSY - I (RS - 2)

**Q.P. CODE: 1953**

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. Write the macroscopical and microscopical characters of ginger and isagol
2. Explain the method of cultivation and collection of opium and cinchona
3. Classify the crude drugs. Write in detail about pharmacological and morphological classification with examples

**SHORT ESSAYS (Answer any Eight)****8 x 5 = 40 Marks**

4. Write a note on bees wax and olive oil
5. Give the microscopical characters of ephedra
6. Write a note on pyrethrum
7. Describe the tests for differentiating Agar and Acacia
8. Define proteins, and describe the method of analysis of proteins
9. Give the source, active constituents and uses of Quassia and Chaulmoogra oil
10. Write a note on Acid value and Iodine value
11. Give the distinguish morphological characters of cinchona and cassia
12. Write notes on adulteration of crude drugs
13. Give the source, method of preparation and uses of castor oil and honey

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

14. Write a note on podophyllum
15. What is tobacco?
16. Write the identification tests for starch
17. Enumerate the uses of cinchona
18. What is chemotaxonomy?
19. What are plant fibres? Give examples
20. Powder microscopical characters of Datura
21. What is Bast fibre? Give example
22. Uses of chloral hydrate, phloroglucinol and hydrochloric acid in the pharmacognostic studies
23. Mention cell wall constituents and cell inclusions