

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Pharm Degree Examination – Aug / Sep 2011

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. Classify proteins with example write the chemistry and method of analysis of collagen
2. Describe the characters of fennel and cinnamon with neat labeled diagrams
3. Classification of crude drugs with suitable examples

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

4. Cultivation method for isapgol
5. Describe the methods of collection of Barks
6. Microscopical characters of NuxVomica
7. Write the source, family, chemical constituents and uses of Agar and Clove
8. Mention the botanical source, chemical constituents and mode of action and uses of tobacco
9. Chemistry and method of extraction of castor oil
10. Explain natural fibers as surgical dressings
11. Explain saponification and iodine value
12. Cocum butter
13. Give the sources, constituents and uses of sterculia and sodium alginate

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

14. Define pharmacognosy
15. Define adulteration
16. Significance of acid value
17. Agricultural method of pest control
18. Test to distinguish Gums from Mucilage
19. Umbelliferae fruits
20. Note on Honey
21. Types of stomata with examples
22. How do you differentiate the plant fibers from animal fibers
23. What is meant by isobilateral leaf

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