

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Pharm Degree Examination – August 2010

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. What are lipids? Describe their method of extraction, chemistry and method of analysis
2. Describe the microscopical characters of senna and fennel including their powder characters
3. Give an account of morphological and pharmacological classification of crude drugs

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Neem as pesticide
5. Microscopical characters of clove
6. Give the chemical tests for the identification of Acacia, Agar and Tragacanth
7. Give the source, method of production and uses of bees wax and honey
8. Describe the methods of analysis of proteins
9. Write the history and scope of pharmacognosy
10. Give an account of cultivation, collection and processing of cardamom
11. Write a note on different methods of adulteration of crude drugs with examples
12. Enumerate cell wall constituents and cell inclusions
13. Name plant fibres and their uses

SHORT ANSWERS

10 x 2 = 20 Marks

14. Active constituents and uses of Cassia Cinnamon
15. Define the words felling and coppicing
16. Name the different drugs that contain mucilage. How mucilage is tested
17. Source, active constituents and uses of Wool Fat
18. How do you distinguish between pure honey from adulterated?
19. Define 'pharmacognosy' and 'crude drug'
20. What is gelatin?
21. Powder microscopical characters of quassia
22. What is chemotaxonomy?
23. Define the following: a) Parquetry cells b) Compound quill
