

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Pharm Degree Examination – Sep 2012

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. Summarize the advantages of cultivation of medicinal plants. Write a note on scope of pharmacognosy
2. Describe the morphological and microscopical characters of rauwolfia and fennel
3. What are the advantages of natural pesticides? Describe the chemical constituents, mode of action and uses of neem

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

4. Describe the cultivation of cardamom
5. Mention the source, chemical constituents and uses of sterculia and isapgol
6. Give the method of analysis of lipids
7. Mention the chemical constituents and test for chaulmoogra oil
8. What are surgical fibres? Give examples along with the uses
9. Mention the various cell inclusions of plant cells. Explain briefly the starch grains
10. Write the method of production and chemical constituents of sodium alginate
11. Give the morphological classification of crude drugs with suitable examples

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

12. What are bitter principles? Mention a wood drug containing bitter principle
13. Define swelling factor
14. Write the method of propagation of senna
15. What are resins and resin combinations?
16. Write the geographical source of cinchona and ephedra
17. Define ester value
18. What are harmful adulterants? Give examples
19. What is processing of drugs?
20. Distinguish between cinnamon and cinchona
21. What is the time of collection of volatile drugs? Give reasons