

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Pharm Degree Examination – August 2010

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. Enumerate the factors affecting the cultivation of medicinal plants
2. Describe the morphological and microscopical characters of senna and ephedra
3. Explain the methods of processing and storage of crude drugs

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Describe the cultivation of ergot
5. What are the ideal characteristics of surgical dressing?
6. Mention the botanical source, chemical constituents and mode of action and uses of tobacco
7. Write the source, chemical constituents and uses of linseed
8. Write the chemical tests for acacia and guar gum
9. Write a note on natural pesticide
10. Give the source, method of production and uses of beeswax
11. How do you differentiate the plant fibres from animal fibres?

SHORT ANSWERS

10 x 2 = 20 Marks

12. Mention the chemical constituents of cocoa butter
13. What are conjugated proteins?
14. Define swelling factors
15. Name the various plant constituents
16. Name two root drugs and write their sources
17. What are the storage conditions for ergot?
18. What is collagen? Mention its uses
19. Give two chemical tests for carbohydrates
20. What is meant by isobilateral leaf?
21. What are secretory products?
