

Rajiv Gandhi University of Health Sciences, Karnataka  
II Year Pharm-D Degree Examination – June 2014

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOGNOSY & PHYTOPHARMACEUTICALS

**Q.P. CODE: 2858**

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. Describe the classification of crude drugs based on chemical constituents & pharmacological activity with examples.
2. Describe the cultivation and collection of a) Senna b) Cardamom.
3. Discuss the macroscopy and microscopy of Datura

**SHORT ESSAYS (Answer any Six)**

**6 x 5 = 30 Marks**

4. Explain in detail the methods of adulteration of Crude drugs.
5. Write a short note on plant fibers and name two surgical dressings and their use.
6. Give the source and method of preparation of Gelatin.
7. Determination of Acid value and Saponification value.
8. Define gums and mucilages. Mention the difference between gums and mucilage.
9. Give the microscopical and morphological characters of fennel
10. Write a note on collection of crude drugs.
11. Give the method of production of Honey, its chemical constituents and uses.

**SHORT ANSWERS**

**10 x 2 = 20 Marks**

12. Define Pharmacognosy.
13. Chemotaxonomy.
14. Pyrethrum.
15. Chemical test for Agar.
16. Chemical test for Acacia.
17. Shark liver oil.
18. Source and uses of Opium.
19. Soil fertility.
20. Types of Stomata.
21. Isobilateral leaf.

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