

# Rajiv Gandhi University of Health Sciences, Karnataka

II Year Pharma-D Degree Examination – Aug 2013

**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

**2 x 10 = 20 Marks**

1. What are plant cell? Explain the cell wall constituents and cell inclusions.
2. Write in detail about general method of cultivation and collection of medicinal plants.
3. *Explain in detail chemical and pharmacological classification of crude drugs with examples.*

### SHORT ESSAYS

**6 x 5 = 30 Marks**

4. Write a note on storage of crude drug with examples.
5. Explain the life cycle of ergot.
6. What are proteins? Write a note on gelatin.
7. *Explain the different methods of drug adulteration with examples.*
8. Detail method for the cultivation of Cinchona.
9. Describe the morphology and microscopy of Senna.
10. Write a note on Natural pesticides.
11. Explain different methods of analysis of lipids.

### SHORT ANSWERS

**10 x 2 = 20 Marks**

12. Explain the chemical test for starch and agar.
13. Chemical constituents & uses of Chaulmoogra oil
14. Give the B. S, Family CC and uses of Nuxvomica.
15. Write a note on Shark liver oil.
16. Define ester value. Give its significance.
17. How do you distinguish Acacia and Tragacanth?
18. *Scope of Pharmacognosy*
19. Give the BS, CC and uses of Guar gum.
20. General test to identify carbohydrates and proteins
21. *Define adulteration and substituents.*

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