



# Rajiv Gandhi University of Health Sciences, Karnataka

II Year Pharm-D Degree Examination – NOVEMBER 2015

**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. Define Pharmacognosy? Write the History and Scope of Pharmacognosy.
2. Write in detail about the general method of cultivation and collection of Crude drugs.
3. What is Adulteration? Discuss the different methods of adulteration of Crude drugs with examples.

### SHORT ESSAYS (Answer any Six)

**6 x 5 = 30 Marks**

4. Give the taxonomical and chemo-taxonomical classification of Crude drugs with examples.
5. Explain the Pharmacognostic scheme of Senna.
6. Explain the microscopic characters of Cinchona.
7. Explain different types of Calcium oxalate crystals with examples.
8. Give the advantages of Natural pesticides? Write a note on Pyrethrum.
9. Classify Carbohydrates with suitable example. Write the chemical tests for identification of Carbohydrate.
10. Describe the morphology of Cassia and Clove.
11. Classify Plant fibers and describe Cotton as surgical dressing.

### SHORT ANSWERS (Answer All)

**10 x 2 = 20 Marks**

12. Detection of Adulterants in Honey
13. Chemical tests for Gelatin.
14. Give source and uses of Shark liver oil.
15. Define Saponification value.
16. Write the source and uses of Tragacanth.
17. Define the term Felling and Coppicing.
18. Name the cell wall constituents.
19. Write the powder characters of Ginger.
20. Give source and uses of Ephedra.
21. Types of Stomata

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