

Rajiv Gandhi University of Health Sciences, Karnataka  
II Year Pharm-D Degree Examination – MAY 2016

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. Explain the cell wall constituents and cell inclusions.
3. What is Adulteration? Discuss the different methods of adulteration with examples.

**SHORT ESSAYS (Answer any Six)**

**6 x 5 = 30 Marks**

4. Give the morphological classification of Crude drugs with suitable examples.
5. Explain the method of cultivation and collection of Cinchona.
6. Explain the microscopic characters of Senna.
7. Method of analysis of Lipids.
8. Write a brief note on Pyrethrum as natural pesticide.
9. Write about factors affecting cultivation of crude drugs.
10. Write a note on plant fibres.
11. Explain life cycle of Ergot.

**SHORT ANSWERS (Answer All)**

**10 x 2 = 20 Marks**

12. Name any two crude drugs which contain Carbohydrate and their uses.
13. Write the general identification tests for Proteins.
14. Give source and chemical constituent of Olive oil.
15. Types of Stomata
16. Method of preparation of Sodium alginate.
17. Name the drug containing Vittae. Write its source and use.
18. Mulching process
19. Powder characters of Rauwolfia
20. Conservation of medicinal plants
21. Write the source and uses of Spermaceti.

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