Rajiv Gandhi University of Health Sciences, Karnataka

Second Year Pharma- D Degree Examination – Feb/March 2011

Time: Three Hours

PHARMACOGNOSY & PHYTOPHARMACEUTICALS

Q.P. CODE: 2858

Your answers should be specific to the questions asked Draw neat labeled diagrams wherever necessary

LONG ESSAYS

- 1. Name the different methods of classification of crude drugs. Explain the chemical and pharmacological classifications with examples
- 2. Write in detail about the general methods of cultivation and collection of medicinal plants
- 3 What are proteins? Classify them with suitable examples and add a note on collagen

SHORT ESSAYS

- 4. What are barks? write the general characteristics of barks
- 5. What are trichomes, classify them with examples
- 6. Write a note on isapgol and swelling index
- 7. Describe the morphological characters of two fruits of umbelliferae family
- 8. Write the method of production of honey, its constituents and uses
- 9. Write a note on pyrethrum
- 10. What are lipids? Write about chemistry and analysis of lipids
- 11. Give the method of preparation of coca butter and pectin

SHORT ANSWERS

- 12. Define saponification value and give its significance
- 13. Give the biological source, family and active constituents of jute
- 14. What are primary metabolites
- 15. Difference between deliberate and indelebrate adulteration
- 16. Pharmacognosy of pyrethrum
- 17. What is chaulmoogra oil
- 18. Give the biological source, family and uses of linseed
- 19. What are plant Hormones
- 20. Name the different cell wall constituents of plant cell
- 21. Define the compound quills

10 x 2 = 20 Marks

$6 \times 5 = 30$ Marks

$2 \times 10 = 20$ Marks

Max. Marks: 70 Marks