

Rajiv Gandhi University of Health Sciences, Karnataka

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

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. 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

6 x 5 = 30 Marks

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

10 x 2 = 20 Marks

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
