

Rajiv Gandhi University of Health Sciences, Karnataka

II Year Pharma-D Degree Examination – Aug / Sep 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. Discuss the various methods of classification of crude drugs with particular emphasis on merits of each method.
2. Write in detail about the general methods of cultivation and collection of medicinal plants and add a note on life cycle of ergot.
- 3 Explain different parts of plant cell with their functions with neat diagram.

SHORT ESSAYS

6 x 5 = 30 Marks

4. Give the morphology and microscopy of fennel.
5. What are trichomes, classify them with examples.
6. Write a note on Ispaghul and swelling index.
7. Describe the microscopical characters and uses of Datura
8. Write the method of production of honey, its constituents and uses.
9. Write a note on cellulose and its products
10. Write about definition, methods of extraction, chemistry, and methods of analysis of lipids.
11. Give the method of preparation of kokum butter and pectin

SHORT ANSWERS

10 x 2 = 20 Marks

12. Mention the types of stomata with examples
13. Give the biological source, family and active constituents of jute.
14. How do you distinguish acacia from tragacanth?
15. Difference between deliberate and indeleberate adulteration.
16. Pharmacognosy of pyrethrum
17. What is chaulmoogra oil?
18. Give the advantages and disadvantages of Natural Pesticide.
19. Name the different types of calcium oxalate crystals their source and methods used for identification of the same
20. Bring out the important differences by comparing transverse sections of any two rhizomes
21. Define the followings.
a) Compound Quills, b) Parquetry cells.
