

Rajiv Gandhi University of Health Sciences, Karnataka

II Year Pharma-D Degree Examination – Sep 2012

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. Define drug adulteration and describe the different methods used in drug adulteration
2. Define carbohydrates? Give its chemistry, classification with example each
3. What are natural pesticides? Classify them with examples and write the pharmacognosy of pyrethrum

SHORT ESSAYS

6 x 5 = 30 Marks

4. Write the differences between organized and unorganized drugs with examples
5. Explain alphabetical and taxonomical methods of classification of drugs
6. Summarize the functions of various organelles of plant cell
7. What are ligatures and sutures? Write their differences
8. Write how you will identify the following constituents of cells (A) Lignified fibres
(B) Mucilage
9. What are growth regulators? Classify them with examples
10. Write the microscopical characters of clove
11. Give source, method of production and uses of beeswax

SHORT ANSWERS

10 x 2 = 20 Marks

12. Umbelliferous fruits
13. Types of stomata with examples
14. Give account on soil fertility
15. How do you distinguish acacia from tragacanth?
16. Chemical constituents of olive oil and Chaulmoogra oil
17. Agricultural method of pest control
18. What is pectin
19. What is meant by isobilateral leaf
20. Write a brief note on neem
21. What are conjugated proteins
