

Rajiv Gandhi University of Health Sciences, Karnataka

II Year Pharm-D Degree Examination – 18-Nov-2021

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOGNOSY AND PHYTOPHARMACEUTICALS (RS & RS2)

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 cultivation and explain in detail conservation of medicinal plants and its importance.
2. Explain the five different methods of adulteration of crude drugs with examples.
3. Explain in detail about the anatomy and powder microscopic characters of Fennel.

SHORT ESSAYS (answer any six)

6 x 5 = 30 Marks

4. Explain in detail about the anatomy of Datura.
5. Define surgical dressing. Name plant fibers used in surgical dressing and add a note on cotton.
6. Explain the method of cultivation and collection of Rauwolfia.
7. Discuss in detail about chemical method of analysis of fixed oil.
8. Write the source chemical constituent and test for acacia.
9. Define and classify carbohydrates with suitable examples. Write the general test for identification.
10. Give the chemical classification of crude drugs with examples.
11. Define Saponification value. Write the principle and procedure for the determination of Saponification value.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Differentiate pure honey from adulterated honey by chemical test.
13. What is gelatin and write its uses?
14. Give the source, chemical constituents and uses of castor oil.
15. Define swelling index and give its significance.
16. Define insecticides and rodenticides. Give example.
17. What is substitution? Give examples.
18. What are auxins? Write their role.
19. Define pharmacognosy and phytopharmaceuticals.
20. What is Ilgln? Give its test for identification.
21. Write the chemical test for starch.
