

Rajiv Gandhi University of Health Sciences, Karnataka

II Year Pharm-D Degree Examination – JAN-2019

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOGNOSY & 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 crude drug. Enlist different method of classifying crude drugs. Explain in detail the pharmacological method of classification.
2. Explain with a neat labelled diagram the microscopy and powder microscopical characters of Quassia
3. Explain the chemistry, general method of extraction and analysis of Lipids.

SHORT ESSAYS (answer any six)

6 x 5 = 30 Marks

4. Explain in brief on various factors affecting cultivation of crude drugs.
5. Explain in detail the methods of adulteration of crude drugs with examples.
6. Discuss various natural pesticides along with their mode of action.
7. Explain the method of cultivation and collection of Cassia cinnamon.
8. Discuss plant fibers as surgical dressings.
9. Write the source, chemical constituents, tests and uses of Tragacanth.
10. Explain with a neat labeled diagram the anatomy of Cinchona.
11. Write the source, chemical constituents, method of preparation and tests for Honey.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Give the general tests for identification of carbohydrates.
13. Explain the cell wall components and their significance.
14. What is Pharmacognosy? Mention the present status of Pharmacognosy.
15. Give the source and uses of drug containing vitamin A.
16. What are gibberellins? Write their role in plants.
17. Give the functions of stomata and trichomes.
18. Write the source, chemical constituents and uses of Datura.
19. What are Polysaccharides? Give examples.
20. Give the chemical constituents and uses of Linseed oil.
21. Classify proteins with examples.
