

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B. Pharm Degree Examination – MAY 2017

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOGNOSY – I (RS - 4)

Q.P. CODE: 2627

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 drugs. List out various methods of classification of crude drugs and explain in detail about pharmacological classification with their merits and demerits.
2. Describe the microscopy of clove and Ephedra with a neat labelled diagram.
3. Write about the biological source, method of production, chemical constituents, uses and chemical tests for Tragacanth and Honey.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Discuss the scopes of Pharmacognosy.
5. Explain in detail conservation of medicinal plants.
6. Explain in detail about cultivation and collection of Isapgol.
7. Write the chemical tests for Acacia and Agar.
8. Write in detail about insect flower as a natural pesticide.
9. Write the botanical source, chemical constituents, production and uses of Castor oil.
10. Describe the microscopy of Rauwolfia.
11. Define resins. Write their properties and classify them with suitable examples.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Write the biological source, chemical constituents of Guar gum.
13. Give the biological source and uses of Cotton.
14. Define balsam and give some examples for balsams.
15. Write the meaning of Pharmacognosy and who coined the term of Pharmacognosy.
16. Enlist various types of adulteration of crude drugs.
17. Explain the chemical tests to identify Asafoetida.
18. Write the biological source and uses of Vitamin D containing oil.
19. List out various secondary metabolites present in cell.
20. Write the tests used to identify the mucilage in plants.
21. Define the term garbling and write its importance in processing of crude drugs.
