

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B. Pharm Degree Examination – 15-Nov-2021

Time: Three Hours**Max. Marks: 70 Marks****PHARMACOGNOSY – I (RS4)****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. Write the biological source, method of production, constituents and uses of Castor oil and Chaulmoogra oil.
3. Describe the microscopy of Ephedra and Rauwolfia.

SHORT ESSAYS (Answer any Six)**6 x 5 = 30 Marks**

4. Write the biological source, chemical constituents and uses of Asafoetida and Benzoin.
5. Describe the pest and discuss about various methods used for pest control.
6. Explain about the cultivation and collection of Isapgol.
7. Write in detail about insect flower as a natural pesticide.
8. Write the biological source, method of production, constituents and uses of Kokum butter.
9. Explain about different time of collection and method of harvesting of crude drugs.
10. Write a note on history of Pharmacognosy.
11. Write the biological source, method of production and medicinal uses of Pectin.

SHORT ANSWERS**10 x 2 = 20 Marks**

12. List out various secondary metabolites present in cell.
13. Write any two microscopical characteristics of Clove.
14. Define Deterioration and Sophistication.
15. Write the tests used to identify the mucilage in plants.
16. Name one bark crude drug. Write its source and uses.
17. Explain the biological source, chemical constituents of dental analgesic crude drug.
18. Define stomata and write its function in plants.
19. Differentiate organized drug and unorganized drugs with suitable examples.
20. What are chemical tests for identification of Carbohydrates?
21. Write the chemical tests for Myrrh.
