

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B. Pharm Degree Examination – 07-Nov-2023

Time: Three Hours**Max. Marks: 70****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. Explain chemical and pharmacological classification of crude drugs with examples
2. Write biological source, chemical constituents, uses and cultivation of opium
3. Discuss the morphology and microscopy of Datura and Nux-Vomica

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

4. Explain the scope of pharmacognosy
5. Define soil and soil fertility. Explain methods of cultivation of crude drugs.
6. Discuss about Neem as natural pesticide
7. Discuss the morphology and microscopy of Fennel with a neat labelled diagram
8. Write Biological source, chemical constituents, chemical tests and uses of Tragacanth
9. Explain the method of production for silk and wool.
10. Define Stomata and write the different types of stomata with examples
11. Write the identification tests for Benzoin and Honey.

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

12. Define Chemotaxonomy
13. Write any four factors influencing the cultivation of medicinal plants.
14. Write a note on Castor oil.
15. Chemical tests for the identification of lignin and mucilage
16. Define garbling and coppicing
17. Differentiate gums and mucilages
18. Define a) Swelling index b) Pharmacognosy
19. Write the chemical constituents and uses of Rauwolfia and Clove.
20. Write the biological source and chemical constituents and uses of crude drug used in the treatment of Asthma
21. Write the general microscopical characters of bark.
