

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B. Pharm Degree Examination – 21-Nov-2022

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. Explain about chemical and pharmacological classification of crude drugs with suitable examples.
2. Discuss about source, method of production, chemical constitutions and uses of Chaulmoogra oil and Castor oil.
3. Define cultivation and explain about cultivation of cinchona and senna.

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

4. Explain with neat labelled diagram about macroscopic and microscopy of Fennel.
5. Discuss about production of Agar and Spermaceti.
6. Write taxonomic features of Solanaceae family with example.
7. Explain in detail about storage of crude drugs.
8. Write in detail various plant constituents and cell wall components.
9. Give the biological source, chemical constituents and uses of Cod liver oil and Acacia.
10. Explain various scope of pharmacognosy.
11. Explain jute as a natural fibre in detail.

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

12. Write a note on advantages and disadvantages of natural pesticides.
13. Write chemical test for lignin and mucilage.
14. List general microscopic characters of bark.
15. **Define unorganized crude drugs with examples.**
16. Write biological source, chemical constituents of the drug used as antileprotic.
17. List out some plant hormones.
18. Difference between plant and animal fibres.
19. Write Fiehe's test.
20. Name one sweet crude drug. Write its biological source and active constituents.
21. Chemical tests for Agar.
