

# Rajiv Gandhi University of Health Sciences, Karnataka

## I Year B. Pharm Degree Examination – 17-Jun-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. Describe the microscopy (T.S) of Datura and Nuxvomica.
2. Explain in detail the method of cultivation of Opium and Cinchona.
3. Write in detail about the biological source, method of production, chemical constituents and uses of pectin and honey.

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

4. Explain Pyrethrum as natural pesticide.
5. Define adulteration and explain the different methods of adulteration of crude drugs.
6. Enumerate cell wall constituents and cell inclusions.
7. Give the Pharmacological classification of crude drugs with its merits and demerits.
8. Write the identification tests for Acacia and Tragacanth.
9. Write the biological source, method of production, constituents and uses of Chaulmoogra oil.
10. Define resins. Write their properties and classify them with suitable examples.
11. Write the biological, source, method of production, chemical constituents and uses of absorbent cotton.

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

12. Define Pharmacognosy.
13. Write the biological source, constituents and uses of Olive oil.
14. Write the identification tests for Asafoetida.
15. Write the difference between fixed oils and fats.
16. How will you identify adulterated honey?
17. Mention the different methods of drying the crude drugs.
18. Write the source, constituents and uses of Agar.
19. Write the medicinal importance of Solanaceae family with examples.
20. Name and give biological source of wood drug containing bitter principle.
21. Define swelling Index.

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