

# Rajiv Gandhi University of Health Sciences, Karnataka

## I Year B. Pharm Degree Examination – 19-Mar-2021

**Time: Three Hours****Max. Marks: 70 Marks**

### **PHARMACOGNOSY – I** **(Revised Scheme 3)** **Q.P. CODE: 2603**

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. What are lipids? Explain the chemistry and method of analysis of lipids.
2. Explain the general methods employed in cultivation and collection of crude drugs.
3. Explain the macroscopy and microscopy of a) Ephedra b) Senna.

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

4. Explain different methods of adulteration.
5. Microscopical characters of Fennel
6. Describe various methods of processing of medicinal plants.
7. Explain the chemical tests for Acacia.
8. Chemistry and method of extraction of Wool fat
9. Write morphological and chemical classification of crude drugs.
10. Morphological characters of Clove and Cinchona.
11. Detail note on cell wall inclusions.

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

12. Define Chemotaxonomy.
13. Write the source, family. Chemical constituents and uses of linseed
14. Write a note on soil fertility.
15. Write biological source and uses of Ginger.
16. What are trichomes? Give examples.
17. Write the source, chemical constituents and uses of Tobacco.
18. Give the test to find the purity of Honey.
19. Define swelling factor.
20. General identification tests for fixed oils.
21. Write the source, family, chemical constituents and uses of Isapgol.

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