

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)

 $2 \times 10 = 20 \text{ Marks}$

- 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)

 $6 \times 5 = 30 \text{ Marks}$

- 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.
- Detail note on cell wall inclusions. 11.

SHORT ANSWERS $10 \times 2 = 20 \text{ Marks}$

- 12.
- 13. Write the source, family. Chemical constituents and uses of linseed
- 14. Write a note on soil fertility.

Define Chemotaxonomy.

- 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.
