

# Rajiv Gandhi University of Health Sciences, Karnataka

## I Year B. Pharm Degree Examination – JAN-2019

**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. Explain with neat, labeled diagram the morphology and microscopy of Ephedra and Cinnamon.
2. What are natural pesticides? Write a note on neem and pyrethrum as pesticides.
3. Describe in detail the cultivation and collection methods of Isapagol and Cinchona.

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

4. What is seed propagation? Discuss its advantages and disadvantages.
5. Define the term pharmacognosy. Write the scope of pharmacognosy.
6. Define the term crude drug. Add a note on alphabetical classification.
7. Give the biological source, method preparation, chemical constituents and uses of Cellulose.
8. What are plant fibers? Give the method of preparation of Cotton.
9. Give the biological source, method preparation, and chemical constituents of Cocabutter.
10. What are ergastic substances? Add a note on reserve foods.
11. Explain with neat, labeled diagram the life cycle of Ergot.

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

12. What are mineral crystals? Give two examples.
13. Name the different conditions responsible for adulteration.
14. Mention plant growth regulators.
15. Name two umbeliferous fruits and give their biological source.
16. Give two chemical tests for Honey.
17. Give chemical tests for Agar.
18. Give the suitable soil, PH, and fertilizers for the cultivation of opium.
19. List out the microscopical characters of Liquorice.
20. What are gums? Give two examples.
21. Give the biological source, chemical constituents and uses of Gelatin.

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