

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B. Pharm Degree Examination – 21-Jan-2020

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. Discuss in detail the chemical and pharmacological classification of crude drugs with examples.
2. Describe with neat, labeled diagram the morphology and microscopy of Datura and Cinchona.
3. What are fats? Discuss its chemistry and methods of analysis.

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

4. Name the various methods of cultivation and add a note on chemical control.
5. Discuss adulteration methods with examples.
6. Explain in detail the cultivation of opium.
7. Describe with neat, labelled diagram the microscopical characteristics of Coriander.
8. What are natural pesticides? Discuss its advantages and disadvantages over synthetic pesticides.
9. Give the biological source, method of production, chemical tests and adulterants of Guar gum.
10. Give the biological source, method of production, chemical constituents and uses of gelatin.
11. Describe the morphological and microscopical characteristics of Clove.

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

12. Name various factors affecting methods of cultivation of medicinal plants.
13. Give two scopes of pharmacognosy.
14. Define the term organized and unorganized drug with examples.
15. Give the biological source and uses of sodium alginate.
16. Give the biological source and uses of castor oil.
17. Define adulteration.
18. Name the various plant constituents.
19. Chemical constituents of Pectin.
20. Give the morphological characters of Nuxvomica.
21. Define the terms Honeydew and Sphacelial stage.
