

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B. Pharm Degree Examination – JAN-2019

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOGNOSY – I (RS - 4)

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. What are lipids? Explain in detail about the biological source, chemical constituents, therapeutical uses production of Chaulmoogra oil and Castor oil.
2. Define Pharmacognosy and discuss the morphological and Microscopical characters of Datura with a neat labelled diagram.
3. Write in detail about the biological source, method of production, constituents and uses of Acacia and pectin.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Write in detail about the history of Pharmacognosy.
5. Classify crude drugs based on their pharmacological nature along with suitable examples.
6. Define pest and discuss about various methods used for pest control.
7. Discuss in detail about Neem and Tobacco as natural pesticide.
8. Explain various methods of adulteration of crude drugs along with suitable examples.
9. Write in detail about the biological source, chemical constituents and method of production, therapeutical uses and identification tests of Honey.
10. Discuss about the biological source, method of production, constituents and uses of kokum butter.
11. Describe the microscopy of Ephedra.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Write about the medicinal importance of drugs belongs to Solanaceae family.
13. Differentiate organised and unorganised drugs with suitable examples.
14. Write the biological source, chemical constituents and uses of Ginger.
15. Define swelling factor/index and write the name of the drug studied by this method.
16. Write the chemical test for the identification of sulphonated compound present in Agar.
17. Write the tests used to differentiate plant and animal fibres.
18. Define resins and give some examples.
19. Define gums and mucilages and give suitable examples
20. List out the names of various plant hormones.
21. Define chemotaxonomy.
