

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B. Pharm Degree Examination – NOV 2017

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 in detail the collection, processing and storage of crude drugs.
2. Describe the different methods of adulteration and its detection in crude drugs with examples.
3. What are Proteins? Classify Proteins and explain the chemistry and methods of analysis of proteins.

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

4. Explain the production of a) Agar and b) Spermaceti.
5. Write the method of production of Sodium Alginate and give its chemical constituents and uses.
6. Write a note on natural pesticides.
7. Write a note on Cell wall constituents and cell inclusions.
8. Give the Biological Source, chemical constituents and uses of a) Guar gum and b) Shark Liver Oil.
9. Describe the microscopical characters of Cinnamon bark.
10. Write a note on collagen.
11. Explain the Morphological characters of a) Datura and b) Clove.

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

12. Mention the substitutes of Ergot.
13. Write the biological source and chemical constituents of Rauwolfia
14. Name the crude drug which contains Anthracene Glycosides and give its biological source and uses.
15. Name one Rhizomous drug. Write its source and uses.
16. Define acid and saponification value.
17. What is leaching? How it affect the quality of the crude drugs.
18. Write the source and uses of Cinchona and Liquorice.
19. Mention the adulteration of Acacia and Olive oil.
20. Note on Coppicing and felling.
21. Give the source and uses of Pectin.
