

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Pharm Degree Examination – 15-Nov-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 x 10 = 20 Marks**

1. Define and classify proteins. Describe the methods of qualitative and quantitative analysis of proteins.
2. Describe the morphology and microscopy of a seed drug and a fruit drug.
3. Describe the cultivation and collection of cinchona and senna.

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

4. Describe the various types of stomata and trichomes with examples.
5. Give the chemical tests for Agar and Gelatin.
6. Write the pharmacognosy of Absorbent Cotton.
7. Write a note on morphological and chemotaxonomical classification of crude drugs.
8. Write the method of preparation, constituents and uses of medicinal castor oil and coca butter.
9. Differentiate the anatomical characteristics of Fennel and Coriander.
10. Give the source constituents and uses of drug which contains (A) stratified cork (B) Epiblema.
11. Write the principle involved in determination of Iodine value and saponification value and write its significance.

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

12. Define the term pharmacognosy.
13. Write the preparation of viscose rayon.
14. Write the tests for cell wall constituents.
15. Write the name and source of any two drugs used as binding agents.
16. Mention the drugs used as natural pesticides. Write their botanical source.
17. Mention the name and source of drugs which contains Idioblast cells and aerenchyma.
18. Write the tests for Starch.
19. Write the source constituents and uses of Datura.
20. Mention the type of vascular bundles present in Ginger and Podophyllum.
21. Write the adulterants of clove.
