

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B. Pharm Degree Examination – 28-Oct-2024

Time: Three Hours**Max. Marks: 70****PHARMACOGNOSY – I (RS4)****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. Discuss the morphology and microscopy of Ephedra and Rauwolfia
2. Write Biological source, chemical constituents, uses and cultivation of clove
3. Define Pharmacognosy. Write in detail about the history of pharmacognosy

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

4. Write a note on pharmacological classification of crude drugs with examples
5. Define adulteration of crude drugs. Explain various methods of adulteration of crude drugs along with examples
6. Discuss about Pyrethrum as natural pesticide
7. Discuss the morphology and microscopy of Quassia with a neat labelled diagram
8. Write Biological source and chemical constituents, tests and uses of Pectin and Honey
9. Write the source, method of production, chemical constituents and uses of Silk.
10. Define stomata and write the different types of stomata with examples
11. Write Biological source, chemical constituents, chemical tests and uses of Myrrh and Ephedra.

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

12. Differentiate organized and unorganized drugs with examples
13. Define Chemotaxonomy
14. Write a short note on conservation of medicinal plants.
15. Write the name, biological source and uses of any one crude drug belonging to Umbeliferace family
16. Define a) Swelling factor b) Resins
17. Write the chemical tests used to differentiate Siam benzoin from Sumatra benzoin
18. Define garbling and coppicing
19. Write the biological source and chemical constituents and uses of crude drug used in the treatment of cancer
20. Write the biological source and chemical constituents and uses of any crude drug used as Laxative
21. Write the general microscopical characters of leaves.
