

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Pharm Degree Examination – 21-Nov-2022

Time: Three Hours**Max. Marks: 70 Marks****PHARMACOGNOSY – I (RS-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 the chemical and pharmacological classification of crude drugs with suitable examples.
2. What is evaluation of crude drugs? Explain in brief with examples physical and biological methods of evaluation.
3. Describe with neat labeled diagram the microscopy of Coriander and Clove.

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

4. Write the methods of cultivation and collection of Senna.
5. What is asexual method of cultivation? Discuss its advantages and disadvantages.
6. What are cell inclusions? Explain in brief the different types of cell inclusions.
7. Describe with neat labeled diagram the morphology of Ginger and Nux vomica.
8. Write the biological source, chemical constituents and uses of pyrethrum.
9. What are fixed oils? Write its properties and uses.
10. What are plant fibers? Write the method of preparation and uses of Jute.
11. Write the biological source and method of preparation and uses of Honey.

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

12. Define the terms: Stomatal number and palisade ratio.
13. Define the terms: Natural and artificial drying methods used in drying of crude drugs.
14. Write the chemical test for Acacia.
15. Name two bark drugs and write their biological source.
16. What are harmful adulterants? Give two examples.
17. What are plant hormones? Name different types.
18. What are proteins? Classify with examples.
19. Write the biological source, chemical constituents and uses of Pectin.
20. Write scope of pharmacognosy.
21. Write the biological source, chemical constituents and uses of chaulmoogra oil.
