

Rajiv Gandhi University of Health Sciences, Karnataka

II Year Pharm-D Degree Examination – 08-Nov-2023

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOGNOSY & PHYTOPHARMACEUTICALS (RS & RS2)

Q.P. CODE: 2858

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. Describe in detail the factors affecting cultivation, collection and processing of crude drugs.
2. Define Lipids. Classify them with examples. Give the analysis methods of lipids.
3. What do you mean by deliberate and in deliberate adulteration give examples?

SHORT ESSAYS (answer any six)

6 x 5 = 30 Marks

4. Write in brief about conservation of medicinal plant and give its importance.
5. **Give the advantages and disadvantages of natural pesticides.**
6. Explain the methods of cultivation and collection of Nuxvomica.
7. Explain with a neat labeled diagram the anatomy of Datura.
8. **What are surgical dressings? Explain the plant fibres used in surgical dressings.**
9. Define and classify carbohydrates. Write the difference between Gums and mucilage.
10. Write the source, chemical constituents, method of preparation and tests for Guar gum.
11. Define and classify proteins. Explain the different methods of analysis of proteins.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Give the identification tests for proteins.
13. Give the chemical constituents and uses of olive oil.
14. **Give the different methods of collection of barks**
15. What is Lignin? Write the identification tests for lignin.
16. Name various types of excretory products of plant.
17. Define pharmacognosy and Phytopharmaceuticals.
18. What are gibberellins? Give its significance.
19. What is substitution? Give examples.
20. What is pest and pesticides? Give examples.
21. Give the source, chemical constituents and uses of Clove.
