

Rajiv Gandhi University of Health Sciences, Karnataka

II Year Pharm-D Degree Examination – 06-Jun-2024

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOGNOSY AND 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. Define adulteration. Explain the different types with example.
2. Describe the method of cultivation and collection of Liquorice and Rauwolfia.
3. Explain in detail about anatomical features of Senna and Fennel with a neat labeled diagram.

SHORT ESSAYS (answer any six)

6 x 5 = 30 Marks

4. Define proteins. Add a note on chemistry and method of analysis of proteins.
5. Write the source, chemical constituents, tests and uses of Chaulmoogra oil and Linseed oil.
6. Mention the source, chemical constituents, method of preparation and tests for Honey.
7. Define and classify carbohydrates with examples.
8. What are surgical dressings? Explain animal fibers used in surgical dressings.
9. Write the advantages and disadvantages of natural pesticides. Discuss Pyrethrum and Tobacco as natural pesticides.
10. Write the botanical source, morphology and chemical constituents of clove.
11. Write a note on merits and demerits of cultivation of medicinal plants.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Mention plant cell constituents.
13. Write about scope of pharmacognosy.
14. Enumerate ergastic and non-ergastic cell inclusions.
15. Define organized and unorganized crude drugs with examples.
16. What are bio-fertilizers?
17. Give the source, chemical constituents and uses of Ephedra.
18. Give the source and uses of drug containing plasmodesmata.
19. Write the chemical test for plant mucilage.
20. Mention the source of Pectin and Guar gum.
21. Define Saponification value and acid value.
