

Supriya

Rajiv Gandhi University of Health Sciences, Karnataka
II Year Pharm-D Degree Examination – 05-May-2025

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. Explain the different in-situ and ex-situ methods for conservation of medicinal plants.
2. Explain in detail alphabetical and pharmacological classification of crude drugs with examples.
3. Explain with a neat labelled diagram microscopy and powder microscopy characters of cassia cinnamon.

SHORT ESSAYS (answer any six)

6 x 5 = 30 Marks

4. Give the source, method of production, chemical constituents and tests for Agar.
5. Give the merits and demerits of cultivation of medicinal plants.
6. Discuss Pyrethrum and Neem as natural pesticides.
7. Give the source, method of preparation and uses of castor oil and Linseed oil.
8. Write a note on Umbelliferous fruits.
9. Describe the source, method of preparation of silk and wool.
10. Write a note on drying, preservation and storage of crude drugs.
11. Explain the method of cultivation and collection of Rauwolfia.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Write the difference between plant and animal fibres.
13. What are Gibberlins? Give their significance.
14. Give the chemistry of lipids.
15. Chemical test for lignin and mucilage.
16. Write the importance of pharmacognosy.
17. What is pectin? Name the source of Pectin.
18. Define acid value and saponification value.
19. Differentiate between primary and secondary plant constituents with suitable examples.
20. What are latex give examples?
21. Enumerate the different methods for plant propagation.
