

Supply

Rajiv Gandhi University of Health Sciences, Karnataka

Fourth Semester B. Pharm Degree Examination – 12-May-2025

Time: Three Hours

Max. Marks: 75

Pharmacognosy and Phytochemistry - I

Q.P. CODE: 5017

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

All the Questions are compulsory

LONG ESSAYS

2 x 10 = 20 Marks

1. Elaborate on chemical and biological method of evaluation of crude drugs.

OR

Define and classify Resins and Volatile oils with examples.

2. Define, classify and give the chemical properties of Glycosides.

SHORT ESSAYS

7 x 5 = 35 Marks

3. Morphological classification of crude drugs.

OR

Write a note on storage of crude drugs.

4. Write the method of preparation, storage and therapeutic uses of Castor oil.

OR

Explain the determination of swelling and foaming index of crude drugs.

5. Give the biological source, chemistry and method of preparation of casein.
6. Differentiate organized and unorganized crude drugs
7. Give the biological source, chemistry and method of preparation of streptokinase.
8. Write a short note on Chaulmoogra oil and wool fat.
9. Define and classify Alkaloids.

SHORT ANSWERS

10 x 2 = 20 Marks

10. Types and uses of Auxins as plant growth regulators
11. General chemical tests for tannins
12. Proteolytic enzymes.
13. Differentiate fats and fixed oils
14. Write confirmatory tests for Tragacanth.
15. Mention drying methods of crude drugs.
16. Tests for castor oil
17. Differentiate gums and mucilage
18. Biological source and uses of Papain
19. Plant fibres
