

Rajiv Gandhi University of Health Sciences, Karnataka
Fourth Semester B. Pharm Degree Examination – 06-Nov-2024

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. Define Alkaloids. Classify them with examples. Give their general properties and chemical tests for identification.

OR

Define Adulteration. Classify them and explain various methods of detection of adulteration with examples.

Write a note on types, factors affecting cultivation

SHORT ESSAYS

7 x 5 = 35 Marks

3. Classification of Resins with examples.

OR

Explain Edible vaccine.

4. Explain general methods of extraction of Alkaloids.

OR

Chemotaxonomy, its significance.

5. Explain the principle involved in Siddha and Unani systems of medicine.

6. Explain Hybridization and its applications.

7. Various factors affecting storage of crude drugs.

8. Different drying methods of crude drugs.

9. Explain chemical evaluation of crude drugs.

SHORT ANSWERS

10 x 2 = 20 Marks

10. Write a note on Glycosides.
11. Explain chemical tests for Flavanoids.
12. Write sources and adulterants of Acacia.
13. Write fungal toxins.
14. Define the terms : a) Polyploidy b) Mutation
15. Write the applications of plant hormones.
16. Write two teratogenic plants with their source and constituents.
17. Write the physical properties of Volatile oil.
18. Classification of flavonoids
19. Plant fibres