



Rajiv Gandhi University of Health Sciences, Karnataka
Fourth Semester B. Pharm Degree Examination – 08-Jun-2023

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. Describe the methods of evaluation of crude drugs with examples.
OR
What are tannins? Classify them with examples. Give the chemical tests.
2. Write a note on cultivation, different methods, advantages, disadvantages of each, add a note on factors affecting cultivation

SHORT ESSAYS

7 x 5 = 35 Marks

3. Biological source, chemical constituents and uses of cotton and jute
OR
What is plant tissue culture? Explain its technique.
4. Give production and uses of Streptokinase.
OR
Write a note on resins.
5. Explain the chemical test for Acacia and Gelatin.
6. Classify medicinal agents from marine sources with examples.
7. Define adulteration and write a detailed note on different methods of adulteration of crude drugs.
8. Write a note on Lycopodium spore method.
9. Write the biological source and method of preparation of castor oil.

SHORT ANSWERS

10 x 2 = 20 Marks

10. Uses of Auxins.
11. Basic principles of Homeopathy.
12. Give the source and uses of Papain and Bromolein.
13. Define stomatal Index and stomatal number
14. Identification tests for cardiac glycosides.
15. Natural allergens.
16. Define the term organ culture.
17. What are edible vaccines?
18. Write the significance of hybridization.
19. Biological source, chemical constituent and uses of beeswax.
