

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Pharm Degree Examination – 21-Jan-2020

Time: Three Hours**Max. Marks: 70 Marks**

PHARMACOGNOSY AND PHYTOCHEMISTRY **(Revised Scheme 3)** **Q.P. CODE: 2613**

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. What are Glycosides? Classify them with examples. Write a note on cardiac Glycosides.
2. Write a note on general methods of identification and estimation of phytoconstituents.
3. Discuss in detail chemical methods of evaluation of crude drugs.

SHORT ESSAYS (Answer any Six)**6 x 5 = 30 Marks**

4. Biological evaluation.
5. Tests for flavonoids.
6. Palisade ratio and vein islet number.
7. Pharmacognosy of Digitals.
8. Supercritical fluid extraction.
9. Write a note on extraction of tannins.
10. Pale catechu.
11. Precursor product sequence.

SHORT ANSWERS**10 x 2 = 20 Marks**

12. Citrus bioflavonoids.
13. Tricomes.
14. General tests for alkaloids.
15. Saponin Glycosides.
16. Tests for Benzoin.
17. Taxus species.
18. Adulterants of Digitalis.
19. Eucalyptus.
20. Properties of Volatile oils.
21. Gold Beater's skin test.
