

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Pharm Degree Examination – NOVEMBER 2015

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. Answer all questions

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Define Glycosides? Classify with examples. Describe the Pharmacognosy of Digitalis.
2. Write a detail account on methods of drug evaluation with special reference to physical and chemical evaluation.
3. What are Solanaceous drugs? Write the biosynthesis of Tropane alkaloids.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Saponin glycosides.
5. Pharmacognosy of Clove.
6. TLC.
7. Ash values.
8. Write a note on Resins.
9. Tracer techniques.
10. General properties and identification of alkaloids
11. Stomata and its significance in evaluation of crude drugs.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Citrus bioflavonoids.
13. Applications of Paper chromatography in phytochemistry
14. Umbelliferous fruits.
15. Trichomes.
16. Taxol.
17. Aloes.
18. Powder characters of Rauwolfia.
19. Sandalwood oil.
20. Cannabis.
21. Tannic acid.
