

Rajiv Gandhi University of Health Sciences, Karnataka
II Year Pharm-D Degree Examination – Dec-2014

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOGNOSY & PHYTOPHARMACEUTICALS

Q.P. CODE: 2858

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. Enumerate the factors affecting cultivation and collection of Crude drugs.
2. Write the advantages and disadvantages of Natural pesticides. Add a note on Neem as a natural pesticide.
3. Define Adulteration. Discuss different methods of adulteration of crude drugs with examples.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Explain Pharmacognostic scheme of Ephedra.
5. Give biological source, chemical constituents, morphology and uses of any one plant belonging to Leguminosae family.
6. Write a note on Surgical dressings.
7. Explain the microscopic characteristics of Senna.
8. Give the source, method of production and uses of Bees wax.
9. Explain chemical method of classification of Crude drugs with examples.
10. Define and classify Proteins with suitable examples.
11. Define Iodine value. Explain the principle and signification of Iodine value determination.

SHORT ANSWERS (Answer All)

10 x 2 = 20 Marks

12. Define and classify Trichomes with examples.
13. Chemical tests for Tragacanth.
14. Give biological source & uses of Sodium alginate.
15. Scope of Pharmacognosy.
16. Source and mode of action of Pyrethrum
17. Powder microscopy of Cinchona.
18. Method of production of Castor oil.
19. Collection of Opium
20. Storage of Crude drugs.
21. Name the Cell wall constituents.
