

# Rajiv Gandhi University of Health Sciences, Karnataka

## I Year B. Pharm Degree Examination – NOVEMBER 2015

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

### PHARMACOGNOSY – I (Revised Scheme 3)

**Q.P. CODE: 2603**

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. Explain in detail pharmacological and chemical classification of crude drugs with examples.
2. Describe the morphological and microscopical characters of two root drugs.
3. Write the advantages of natural pesticides. Write the source, chemical constituents, uses of Pyrethrum and Neem.

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

4. Life cycle of Ergot.
5. Define proteins. Classify them with examples.
6. Note on Cell wall constituents and cell inclusions.
7. Morphology of Senna and Ginger
8. Source, Method of production, Chemical constituents and uses of Olive oil.
9. Source, Chemical constituents, uses of Sterculia and Guar gum.
10. Chemical tests for Isapgol and Castor oil.
11. Analysis of Lipids.

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

12. Primary and Secondary metabolites.
13. Define stomata and name its types.
14. Name the drug which contains Plasmodesmata. Write its source and uses.
15. Define Saponification value and write its significance.
16. Give the sources of two fruit drugs.
17. Explain the term Mulching and Felling.
18. Source and chemical constituents of Agar.
19. Define isobilateral leaf. Give an example with its source.
20. Name one sweet drug. Write its source and uses.
21. Source and chemical constituents of Podophyllum.

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