

Code No: B2203/R10

R10**II B.Pharmacy II Semester Supplementary Examinations, January 2014**
PHARMACOGNOSY-II**Time: 3 hours****Max Marks: 75****Answer any FIVE Questions**
All Questions carry equal marks

1. Write the systematic Pharmacognosy of Thevetia? [15]
2. Write the detailed Pharmacognosy of Coca leaves? [15]
3. (a) Mention the lifecycle of Ergot.
(b) Describe the cultivation, collection, constituents and uses of Ergot. [6+9]
4. (a) How do you differentiate between pale catechu and black catechu?
(b) Write the active constituents, tests for identification and uses of Arjuna bark. [7+8]
5. (a) What are resins. Give the types of Resins with examples.
(b) Give the Biological source, Collection, Preparation, Chemical constituents and Uses of Benzoin. [6+9]
6. (a) Write a short note on:
(i) Papain (ii) Diastase
(b) Define Enzymes. Give the properties and Classification of Enzymes. [8+7]
7. What do you mean by biogenesis? Outline the biogenetic pathways for synthesis of different alkaloids in the plants. [15]
8. Discuss the advantages and disadvantages of Natural dyes when compared to artificial dyes. Highlight the importance of natural dyes in pharmacy. [15]
