

(LD 4261)

AUGUST 2013

Sub. Code: 4261

THIRD YEAR B.PHARM. EXAM

PAPER I – PHARMACOGNOSY AND PHYTOCHEMISTRY

Q.P. Code: 564261

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X20=40)

1. Describe the microscopical characters, cultivation, collection, chemical tests, substitutes and adulterants of Cinchona.
2. Discuss the factors responsible for cultivation of medicinal plants with examples. Describe the Processing, storage and preservation of crude drugs.

II. Write notes on:

(8X5=40)

1. Sutures and Ligatures.
2. Differentiate Pale catechu and Black catechu.
3. Chemical tests for aga
4. Explain pharmacological classification of crude drugs with suitable examples.
5. Discuss the different types of adulteration.
6. Allied drugs and substitutes used in clove.
7. Rice bran oil and eucalyptus oil.
8. Describe the natural colours used in pharmaceutical industry

III. Short Answers on:

(10X2=20)

1. Saffron
2. Bhilwa
3. Coleus
4. Cocoa
5. Brahmi
6. Oxidised cellulose
7. Amla
8. Keller-Kiliani test
9. Cardiac glycoside drug
10. Tobacco
