



(LL 4261)

AUGUST 2017

Sub. Code: 4261

**B.PHARM. DEGREE EXAMINATION
THIRD YEAR
PAPER I – PHARMACOGNOSY AND PHYTOCHEMISTRY**

Q.P. Code: 564261

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What are Cardiac Glycosides? Classify them with examples. Discuss the source family, cultivation, collection, macroscopy, microscopy, chemical constituents, uses, substitutes and adulterants of Digitalis.
2. Define Fibres. Classify them and write their general chemical tests. Explain in detail about any one Plant Fibre and Animal Fibre.

II. Write notes on:

(8 x 5 = 40)

1. Methods of pest control.
2. Gelatin.
3. Steroidal saponin.
4. Any one pharmaceutical ai
5. General characters of Tropane alkaloi
6. Constituents of opium.
7. Taxol.
8. Phyllanthus niruri.

III. Short answers on:

(10 x 2 = 20)

1. Difference between chemical test of Ginger and Capsicum.
2. Any two adulterants of Saffron.
3. Structure of Eugenol.
4. What are cystoliths?
5. Source, family, constituents and uses of Lobelia.
6. Chemical test for strychnine and Brucine.
7. Source, family, constituents and uses of Aga
8. Constituents and uses of Cod liver oil.
9. Gold beaters skin test.
10. Any two powder microscopy characters of cinnamon.

