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(LQ 4261) **FEBRUARY 2020** 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. Describe source, cultivation, collecti on, macroscopy, microscopy, constituents, uses, adulterants and substitute of Fennel.

2. Write source, cultiva tion, collection, macroscopy and microscopy, constituents, uses, adulterants and substitute of Digitalis.

II. Write notes on: **(8 x 5 = 40)**

1. Collection methods for bark crude drugs.
2. Collection methods of Opium.
3. Macroscopy of Vinca.
4. Microscopy study of Nuxvomica.
5. Microscopical evaluation.
6. Preparation of Silk.
7. Glycoalkaloids type of crude drug.
8. Requirements for cultivating Cinnamon.

III. Short answers on: **(10 x 2 = 20)**

1. Vitali Morin's test.
2. Modified Borntrager's test.
3. Source of Ginseng.
4. Adulterants and substitutes of coffee.
5. Source of Lemon grass oil.
6. Any two herbal pesticides.
7. Constituents of liquorice.
8. Source of Cocoa.
9. Any two crude drugs for resin.
10. Adulterants of clove.

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