

(LN 4261)

AUGUST 2018

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. a) How crude drugs are classified? Explain Pharmacological and chemical classifications with examples.  
b) Discuss the different methods of cultivation used for propagating medicinal plants.
2. a) Write the source, macroscopic characters, identification tests and clinical uses of a drug containing anthraquinone glycosides.  
b) What is manipulated Opium? Describe the collection of opium in India. Write its constituents and uses.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Write note on Nuxvomica.
2. Describe the life cycle of ergot. Give an account of its active constituents and therapeutics uses.
3. How medicinal castor oil is prepared from its source? How will you identify its purity?
4. Explain the: (i) Murexide test (ii) Vitalis test.
5. Scope of Pharmacognosy.
6. Difference between Fennel and coriander.
7. Crude drug from mineral origin.
8. Fibres used in Pharmacy.

**III. Short answers on:**

**(10 x 2 = 20)**

1. How is the pungency of Ginger destroyed?
2. Why cascara bark is to be stored for at least one year before use?
3. Source and uses of Margosa oil.
4. What is clove stalk?
5. Why the shark liver oil is not genuine substituent for cod liver oil?
6. Write the constituents and uses of Devils dung.
7. Trichomes and its type.
8. Define Aleurone grains.
9. Write any two difference between *Cinnamomum zeylanicum* and *Cinnamomum cassia*.
10. Give the examples for Resins and its uses.

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