

S/2015/1945

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**FIRST YEAR PHARMACY**  
**PHARMACOGNOSY**  
(103)

*Time : Three Hours**Maximum Marks : 80*

**Note :** i) Attempt total *six* questions. Question No.1 is compulsory. From the remaining questions attempt any *five*.

ii) Illustrate your answers with neat sketches wherever necessary.

1. Attempt all questions. 10

a) Define pharmacognosy.

b) Write the biological source and uses of Amla.

c) Write the chemical constituents of Nimbi.

d) Define perfumes.

e) Write uses and biological source of Tulsi.

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P.T.O.

(2)

2. Attempt all questions.

14

- a) Write a note on adulteration.
- b) Write the various methods of evaluation of adulteration.
- c) Define Anti-rheumatics, write a note on Guggul.
- d) Define Antiseptics, write a note on Benzoin.

3. a) Write the methods of Isolation of volatile oils.

7

b) Give an outline of the method of isolation of Alkaloids.

7

4. Attempt any four.

14

a) Give biological source, family any uses of Shankpushpi.

b) Give biological source, chemical constituents and uses of Garlic.

(3)

c) Write a brief note on Liquorice.

d) Write the synonyms, Biological source, chemical constituents of satavari.

e) Write a brief note on pharmaceutical aids.

5. a) Discuss in detail the methods of collection and preparation for the market of Rauwolfia. 7

b) Discuss in detail the gross anatomical description of Datura Leaf or Fennel Fruit. 7

6. Write the sources, family, chemical constituents and uses of following drugs (any 4). 14

a) Ginger

b) Cinchona

c) Nux-vomica

d) Papaya

e) Guggul

(4)

7. Write short note on any four of following: 14

- a) Antidiabetics
- b) Carminative
- c) Perfumes and Flavouring agents
- d) What are vitamins, write a brief note on shark liver oil?
- e) Surgical fibres.

