

FINAL YEAR B.PHARM. SEMESTER-VII (2011 COURSE) :

SUMMER - 2018

SUBJECT: PHARMACOGNOSY-III

Day: Monday  
Date: 07/05/2018

Time: 02.00 PM TO 05.00 PM  
Max. Marks: 80.

S-2018-3981

N.B.:

- 1) Q. No. 1 and Q. No. 5 are **COMPULSORY**. Out of the remaining solve any **TWO** questions from each section.
- 2) Figures to the **RIGHT** indicate full marks.
- 3) Draw neat labeled diagrams **WHEREVER** necessary.

SECTION-I

- Q.1** Answer **ANY FIVE** of the following: (10)
- a) Differentiate between Indian Senna and Alexandrian Senna
  - b) Differentiate between Pale catechu and Black catechu
  - c) Draw transverse section of Ginger
  - d) Write down biological source and chemical constituents of Khellin
  - e) Write down biological source and chemical constituents of Psoralea
  - f) Define pseudo tannins
- Q.2** a) Give Pharmacognostical details of Turmeric (08)  
b) Give Pharmacognostical details of Hirda (07)
- Q.3** a) Give Pharmacognostical details of Ginkgo (08)  
b) Give Pharmacognostical details of Aloe (07)
- Q.4** Write short notes on **ANY THREE** of the following: (15)
- a) Flavonoids
  - b) Henna
  - c) Rosemary
  - d) Hops

SECTION-II

- Q.5** Answer **ANY FIVE** of the following: (10)
- a) Give biological source and chemical constituents of Digitalis
  - b) Give biological source and chemical constituents of Mentha
  - c) Draw transverse section of Rauwolfia
  - d) Draw transverse section of Dill
  - e) What is Enflurage?
  - f) What is Ecuelle?
- Q.6** a) Give Pharmacognostical details of Ephedra (08)  
b) Give Pharmacognostical details of Opium (07)
- Q.7** a) Give Pharmacognostical details of Cinchona (08)  
b) Give Pharmacognostical details of Clove (07)
- Q.8** Write short notes on **ANY THREE** of the following: (15)
- a) Tropane alkaloid
  - b) Black pepper
  - c) Life cycle of ergot
  - d) Imidazole alkaloid

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