

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

WINTER - 2017

SUBJECT: PHARMACOGNOSY- IV

Day: Wednesday  
Date: 15/11/2017

W-2017-3852

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

**N.B.:**

- 1) Q. No. 1 and Q. No. 5 are **COMPULSORY**. Out of the remaining attempt any **TWO** questions from each section.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer books.
- 4) Draw neat and labelled diagram **WHEREVER** necessary.

**SECTION-I**

- Q.1** Answer any **FIVE** of the following: (10)
- a) What is Shodhana process?
  - b) Differentiate between Asava and Arishta.
  - c) Give uses of Trikatu Churna.
  - d) Give biological source and uses of Giloy.
  - e) What is Puta?
  - f) Give biological source and uses of Shatavari.
- Q.2** a) Explain the method of preparation of Swarna bhasma and elaborate its evaluation parameters. (08)  
b) Explain the method of preparation of Ashokarista and elaborate its evaluation parameters. (07)
- Q.3** a) Give the uses of Lhasun and enlist its marketed preparation. (08)  
b) Give the uses of Kawachbeej and enlist its marketed preparation. (07)
- Q.4** Attempt any **THREE** of the following: (15)
- a) Carrot Kwath.
  - b) Triphala Churna.
  - c) Rajat Bhasma.
  - d) Drashasawa.

**SECTION-II**

- Q.5** Answer any **FIVE** of the following: (10)
- a) Give the biological source and uses of Camptothecin.
  - b) Give uses of Omega 3 fatty acids.
  - c) Give the biological source and uses of Boswellic acid.
  - d) Give the biological source and uses of Taxol.
  - e) Give biological source and uses of Vinblastin.
  - f) Define Phyto pharmaceuticals.
- Q.6** a) Write an exhaustive note and therapeutic profile of Silymarin. (08)  
b) Explain the method of isolation of Resveretral. (07)
- Q.7** a) Give the chemistry and therapeutic profile of Etoposide. (08)  
b) Explain the method of isolation of Guggulipids (07)
- Q.8** Attempt any **THREE** of the following: (15)
- a) Streptokinase.
  - b) Hypericin.
  - c) Artemisinin.
  - d) Therapeutic uses of Alpha hydroxyl citric acid.