

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

WINTER - 2018

SUBJECT: PHARMACOGNOSY- IV

Day: Monday
Date: 19/11/2018

W-2018-4149

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 Marana process?
 - b) Give uses of Sitophaladi churna
 - c) Give biological source and uses of Bramhi.
 - d) Give biological source and uses of Tinospora.
 - e) What is Gaja puta?
 - f) Differentiate between Asava and Arishta.
- Q.2** a) Explain the method of preparation of Rajat bhasma and elaborate its evaluation parameters. (08)
b) Explain the method of preparation of Pancharista and explain its evaluation parameters. (07)
- Q.3** a) Give the uses of Shatavari and enlist its marketed preparation. (08)
b) Give the uses of Guggulj and enlist its marketed preparation. (07)
- Q.4** Attempt any **THREE** of the following: (15)
- a) Tulsi Kwath.
 - b) Trikatua Churna.
 - c) Loha Bhasma.
 - d) Kumara asawa.

SECTION-II

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