

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

SUMMER - 2018

SUBJECT: PHARMACOGNOSY- IV

Day: **Monday**
Date: **30/04/2018**

S-2018-3985

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 Bhavana process?
 - b) What is Avami?
 - c) Give uses of Triphala churna.
 - d) Give biological source and uses of Giloy.
 - e) What is Kukkuta puta?
 - f) Explain the uses of Dhataki pushpa in Asava.
- Q.2**
- a) Explain the method of preparation of Loha bhasma and elaborate its evaluation parameters. (08)
 - b) Explain the method of preparation of Drakshasav 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 Shatavari and enlist its marketed preparation. (07)
- Q.4** Attempt any **THREE** of the following: (15)
- a) Amla Kwath
 - b) Trikatu Churna
 - c) Kumara Asava
 - d) Rajat Bhasma

SECTION-II

- Q.5** Answer any **FIVE** of the following: (10)
- a) Give uses of Streptokinase.
 - b) Give uses of Serratiopeptidase.
 - c) Give the biological source and uses of Taxol.
 - d) Give uses of Omega 3 fatty acids.
 - 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 Hypericin. (08)
 - b) Explain the method of isolation of Camptothecin. (07)
- Q.7**
- a) Give the chemistry and therapeutic profile of Guggulipids (08)
 - b) Explain the method of isolation of Vinblastin. (07)
- Q.8** Attempt any **THREE** of the following: (15)
- a) Etoposide.
 - b) Method of isolation of Resveratrol.
 - c) Artemisinin.
 - d) Boswellic acid.

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