

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

SUMMER - 2019

SUBJECT: PHARMACOGNOSY – IV

Day: Friday
Date: 03/05/2019

S-2019-4464

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 remaining attempt any **TWO** questions from each sections
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer book.
- 4) Draw neat diagrams **WHEREVER** necessary.

SECTION – I

- Q.1** Answer any **FIVE** of the following: (10)
- a) Compare between Shodhana and Bhavana process
 - b) Give the uses of Sitopaladi churna
 - c) What is Gaja Puta?
 - d) Give the significance of Ayurvedic fermented preparation.
 - e) Give the biological sources of Gokharu.
 - f) Give uses of Karela Kwath.
- Q.2** a) Explain the method of preparation of Rajat bhasma and explain its evaluation parameters. (08)
b) Give the uses of Lahsun and enlist its marketed preparations. (07)
- Q.3** a) Write in detail the method of preparation of Juice and Kwath. Add a note on Amla Kawath. (08)
b) Explain the method of preparation of Pancharist and explain its evaluation parameters. (07)
- Q.4** Write short notes on any **THREE** of the following (15)
- a) Draksh Asava
 - b) Chawanprash
 - c) Shatavari
 - d) Lauki

SECTION - II

- Q.5** Answer any **FIVE** of the following: (10)
- a) Give source and uses of Streptokinase
 - b) Give the biological sources and uses of Resveratrol.
 - c) Write different uses of Omega – 3 fatty acids
 - d) What are phyto-pharmaceuticals?
 - e) Write biological sources and uses of Digoxin.
 - f) Give the sources and uses of Camptothecin
- Q.6** a) Give the method of isolation of Taxol. (08)
b) Give the chemistry and therapeutic profile of Silymarin. (07)
- Q.7** a) Give the chemistry and therapeutic profile of Vinblastin. (08)
b) Give the method of isolation of Hypericin (07)
- Q.8** Write short notes on any **THREE** of the following (15)
- a) Alpha hydroxyl citric acid
 - b) Etoposide
 - c) Artemisinin
 - d) Guggulipids

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