

Pre. Ph.D. Course Work (2017 Course) : SUMMER - 2018
(Pharmacognosy)

SUBJECT : PAPER – II (PHARMACOGNOSY)

Day : **Tuesday**
Date : **26/06/2018**

S-2018-4780

Time : **10.00 AM TO 01.00 PM**
Max. Marks : 100

N.B.

- 1) Attempt any **FIVE** questions from **EACH** Section.
- 2) Figures to the right indicate **FULL** marks.

SECTION – I

- Q.1** Write in detail selection and optimization of lead component for new drug discovery and development from herbal drugs. **(10)**
- Q.2** What is effect of soil and soil fertility on plant growth? **(10)**
- Q.3** Write note on use of chemical marker in standardization of herbal drugs. **(10)**
- Q.4** Which are different types of extracts? Write importance of standardization of herbal drugs. **(10)**
- Q.5** Which are different natural products to treat cancer? Give examples. **(10)**
- Q.6** Which are different diseases affecting medicinal and aromatic plants. **(10)**

SECTION – II

- Q.7** Write in detail preparation and evaluation of Bhasma. **(10)**
- Q.8** Discuss principles of Unani System of medicine. Add note on Saffoof. **(10)**
- Q.9** Write HPLC standardization for Vasicine and Andrographolide. **(10)**
- Q.10** Write in detail standardization of Lupeol by using HPTLC. **(10)**
- Q.11** What is protoplast culture? Write note on germ plasm storage? **(10)**
- Q.12** How will you carry out biotransformation in plant tissue culture? Give example. **(10)**

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