



## M.Sc. IV Semester Degree Examination, Sept./Oct. - 2024

### BOTANY

#### DSC - 12 : Pharmacognosy and Phytochemistry

#### (NEP)

Time : 3 Hours

Maximum Marks : 70

- Note :** (i) Answer **any 5** of the following.  
(ii) Question No. **1** is **compulsory**.

1. Explain plant sources of drugs. 14
2. What is adulteration ? Explain reasons. 14
3. Describe selection, processing and storage of sample for extraction. 14
4. Explain principle, instrumentation and application of HPLC. 14
5. Write about history herbs as a source of drug and drug discovery. 14
6. Give a short note on :
  - (a) Taxonomical classification of drugs. 7
  - (b) Lycopodium spore method. 7
7. Evaluation of drug by :
  - (a) Biological method 7
  - (b) Physical method 7
8. Give a note on :
  - (a) Maceration 7
  - (b) Supercritical fluid extraction 7

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