



| |
|---------|
| Sl. No. |
|---------|

M.Sc. IV Semester Degree Examination, October - 2023

BOTANY

Pharmacognosy and Phytochemisrty

(NEP)

Time : 3 Hours

Maximum Marks : 70

Notes : (i) Answer **any five** of the following.

(ii) Question no. **1** is **compulsory**.

- | | | |
|----|--|----|
| 1. | (a) Define Pharmacognosy and mention its scope. | 4 |
| | (b) Explain sources of drug. | 10 |
| 2. | (a) Describe Leaf constant. | 8 |
| | (b) Explain camera Lucida with neat labelled diagram. | 6 |
| 3. | (a) Write about factors influencing the choice of an Extraction. | 10 |
| | (b) Describe infusion method of Extraction. | 4 |
| 4. | (a) Explain spectroscopic estimation of protein. | 10 |
| | (b) Write a difference between paper chromatography and thin layer chromatography. | 4 |
| 5. | Sourcing and archiving natural products for drug discovery. | 14 |
| 6. | Classification of drug : Explain with example. | 14 |
| 7. | (a) Differentiate organised and unorganised drugs with example. | 7 |
| | (b) Define contraversal drug and describe their causes of controversy. | 7 |
| 8. | (a) Explain microwave assisted Extraction with neat labelled diagram. | 7 |
| | (b) Explain spectroscopic estimation of total sugar. | 7 |

