

This question paper contains 2 printed pages]

**Y—74—2019**

**FACULTY OF SCIENCE**

**B.Sc. (Third Year) (Fifth Semester) (Backlog) EXAMINATION**

**NOVEMBER/DECEMBER, 2019**

**(CBCS Pattern)**

**BOTANY**

**Paper XIII**

**(Herbal Technology—I)**

**(Monday, 23-12-2019)**

**Time : 10.00 a.m. to 12.00 noon**

*Time—2 Hours*

*Maximum Marks—40*

*N.B. :— (i) Attempt All questions.*

*(ii) All questions carry equal marks.*

*(iii) Draw neat and well labelled diagrams wherever necessary.*

1. Attempt any *four* of the following : 8

(a) Describe in brief Unani as an Indian system of medicine.

(b) Write a note on taxonomic classification of crude plant drugs.

(c) Describe stem drug from gulvel.

(d) Write a note on importance of drug standardization.

(e) Describe microscopic drug evaluation.

(f) Write a note on organized crude drugs.

2. Attempt any *two* of the following : 8

(a) Explain morphological and chemical classification of crude plant drug.

(b) Describe homeopathic is an Indian system of medicine.

(c) Explain mineral sources as a tribal medicine.

P.T.O.

3. Attempt any *one* of the following : 8
- (a) Describe in detail Ayurveda is an Indian medicine system.
  - (b) Explain Alphabetic and chemical classification of crude plant drug.
4. Attempt any *two* of the following : 8
- (a) Explain genetic as applied to medicinal herb.
  - (b) Describe chemical and biological drug evaluation.
  - (c) Explain chemical constituents and uses of stem drugs from ginger.
5. Attempt any *one* of the following : 8
- (a) Explain in detail flavonoids as a secondary metabolites from medicinal plants.
  - (b) Describe chemical constituents and uses of Ashwagandha.