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**Y—78—2019**

**FACULTY OF SCIENCE**

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

**NOVEMBER/DECEMBER, 2019**

**(CGPA 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. Describe Siddha is an Indian system of medicine. 8

*Or*

(a) Explain importance of MAP.

(b) Describe in brief Ayurveda medicine system.

2. Explain pharmacological and chemical classification of crude plant drugs. 8

*Or*

(a) Write a note on organized crude drug.

(b) Describe factor affecting the cultivation of drug plants.

3. Explain morphological and chemical constituents of root drugs from turmeric. 8

*Or*

(a) Describe chemical constituents of Ashwagandha.

(b) Write a note on root drugs.

P.T.O.

4. Explain problems of standardization of drugs. 8

*Or*

(a) Write a note on biological drugs evaluation.

(b) Describe Transgenic plants.

5. Write short notes on any *four* of the following : 8

(a) Explain in brief Unani medicine system.

(b) Alphabetic classification of crude plant drugs.

(c) Unorganize crude drugs

(d) Uses of Baheda

(e) Biological drug evaluation

(f) Microscopic drug evaluation.