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**SB—54—2022**

**FACULTY OF SCIENCE**

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

**MAY/JUNE, 2022**

**(CBCS/New Course)**

**BOTANY**

**Paper-XIII**

**(Herbal Technology-I)**

**(Monday, 13-06-2022)**

**Time : 10.00 a.m. to 12.30 p.m.**

*Time— 2.30 Hours*

*Maximum Marks—40*

*N.B. :— (i) Attempt all questions.*

*(ii) Illustrate your answers with suitably labelled diagrams wherever necessary.*

1. Describe pharmacological and chemotaxonomic classification of crude plant drugs. 15

*Or*

(a) Explain chemical constituents and uses of shatawari. 8

(b) Describe plant tissue culture as source of biomedicines. 7

2. Describe demand and supply of MAP in India. 15

*Or*

(a) Describe in brief organized crude drugs. 8

(b) Explain morphological and anatomical characters of ginger. 7

**P.T.O.**

3. Attempt any *two* of the four :

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- (a) Explain in brief chemical and biological drug evaluation method.
- (b) Write a note on chemical constituents of Adulsa.
- (c) Describe structure and importance of stomata.
- (d) Write in brief Siddha is an Indian medicine system.