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**V—59—2017**

**FACULTY OF SCIENCE**

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

**OCTOBER/NOVEMBER, 2017**

**BOTANY**

**Paper XIII**

**(Applied Economic Botany—I)**

**(Friday, 10-11-2017)**

**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 cultivation practices, botanical description, uses and nutritional value of Jowar. 8

*Or*

Write short notes on :

(a) Scope of Economic Botany

(b) Nutritional value of wheat.

2. What are pulses ? Give cultivation practices, botanical description and uses of Tur and Gram. 8

*Or*

Explain in brief :

(a) Nutritional value and uses of Soyabean

(b) Botanical description and varieties of Safflower.

3. Explain cultivation practices and botanical description of any *two* root vegetables and add a note on their nutritional value. 8

P.T.O.

Or

Explain in brief :

- (a) Botanical description of Brinjal
- (b) Nutritional value and uses of Cabbage.

4. Give origin, cultivation practices, botanical description and medicinal uses of Ashwgandha and Shatavari. 8

Or

Write in brief :

- (a) Varieties and medicinal uses of Safed Musli
- (b) History and origin of Gulwel.

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

- (a) Varieties of Rice
- (b) Nutritional value and uses of Groundnut
- (c) Cultivation practices of Greengram
- (d) Botanical description and uses of Raddish
- (e) Cultivation practices of Methi
- (f) Medicinal uses of Dhaiti and Jaswand.