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**W—66—2018**

**FACULTY OF SCIENCE**

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

**OCTOBER/NOVEMBER, 2018**

**(CGPA Pattern)**

**BOTANY**

**Paper-XIII**

**(Applied Economic Botany—I)**

**(Tuesday, 16-10-2018)**

**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 and botanical description of rice and add a note on its nutritional value. 8

*Or*

Explain in brief :

(a) History of Economic Botany

(b) Vavilov's concept of cultivated plants.

2. Describe history, origin, cultivation practices and botanical description of Safflower and Soybean. 8

*Or*

Explain in brief :

(a) Varieties of Groundnut

(b) Nutritional value and uses of Greengram.

3. Give cultivation practices, botanical description and uses of Bhendi and Tomato. 8

*Or*

Write short notes on :

(a) Methi

(b) Varieties of carrot.

**P.T.O.**

4. Give origin, cultivation practices, botanical description and medicinal uses of Jaswand and Behada. 8

*Or*

Write short notes on :

- (a) Murudsheng  
(b) Awala.
5. Write short notes on any *four* of the following : 8
- (a) Cultivation practices of Wheat  
(b) Botanical description and uses of Tur  
(c) Nutritional value and uses of Gram  
(d) Botanical description and nutritional value of Beetroot  
(e) Cultivation practices of Potato  
(f) Botanical description and medicinal uses of Ruchki.