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**Y—77—2019**

**FACULTY OF SCIENCE AND TECHNOLOGY**

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

**NOVEMBER/DECEMBER, 2019**

**(CGPA Pattern)**

**BOTANY**

**Paper XIII**

**(Applied Economic Botany—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. Give in detail the origin, cultivation practices, botanical description and nutritional value of wheat. 8

*Or*

*Write in short on :*

*(i) Plant products 4*

*(ii) Vavilov's concept 4*

2. Give the history, cultivation practices, botanical description and nutritional value of Radish. 8

*Or*

*Write in short on :*

*(i) Cultivation practices and uses of carrot 4*

*(ii) Nutritional value of cabbage. 4*

**P.T.O.**

3. Describe in detail origin, cultivation practices, botanical description of Groundnut. 8

*Or*

Write in short on :

- (i) Nutritional value of Gram 4
- (ii) Cultivation practices and history of soyabean. 4
4. Describe in detail, origin, cultivation practices, botanical description and uses of Baheda. 8

*Or*

- (i) Botanical description and history of Jaswand 4
- (ii) Nutritional value and uses of clove. 4
5. Write short notes on any *four* of the following : 8
- (a) Economic importance and uses of Jowar
- (b) Economic importance and uses of Tur
- (c) Uses of safflower
- (d) Cultivation practices of Amorphophallus
- (e) Nutritional value of spinach
- (f) Botanical description and uses of Neem.