

DAY - **18**

SEAT NUMBER

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2022

III

25

1030

V - 158

(E)

CROP SCIENCE**PAPER - II (B-4)****Time : 2 Hours****2 Pages****Max. Marks : 40**

1 (A) Fill in the blanks

6

- (a) _____ variety of Jowar is used for hurda purpose.
- (b) The seedrate of Oat is _____ to _____ kg/ha.
- (c) Pungency in chilli is due to _____ content.
- (d) Turmeric belongs to family _____.
- (e) Central potato research institute is located at _____.
- (f) Lucerne contains _____ to _____ % crude protein.

(B) Define (Any Two)

2

- (a) Weed
- (b) Seed
- (c) Crop Rotation

2. Write short note on (Any Four)

8

- (a) Malic Acid extracted in Gram.
- (b) Pit storage of Potato.
- (c) Economic uses of Turmeric.
- (d) Qualities of good fodder crop.
- (e) Importance of oil seeds in Indian Farming.
- (f) Varieties of Wheat (Any Four)

3. Attempt **any four** of the following 8
- How curing of Turmeric is done ?
 - How raising of Chilli seedling is taken ?
 - What are the critical stages in wheat irrigation ?
 - Write any four varieties of Safflower.
 - Which type of soil and climate is required for Rabi Jowar ?
 - What are the economic uses of Safflower ?
4. (A) Supply information about 'Wheat' crop on the following points (Any Two) 4
- Sowing Depth
 - Pest and Diseases (Only names)
 - Economic Uses
- (B) Supply information about 'Gram Crop' on the following points (Any Two) 4
- Varieties
 - Seedrate
 - Harvesting and Yield

OR

[For Question 4(A) and (B)]

4. Give tabular information (Each correct answer carries $\frac{1}{2}$ mark) 8

Name of Crop	Family	Variety	Sowing time	Yield kg./ha.
Pea				
Rabi Jowar				
Potato				
Safflower				

5. Supply detail information about 'Sugarcane' crop on the following points (Any Four) 8
- Sets Treatment
 - Rayungan Method of Planting
 - Manuring
 - Maturity Signs
 - Steps in Gul Preparation
 - Ratooning (Importance)