DAY - 18 SEAT NUMBER | | | | | | |

2023	III	16	1100	V – 578	(E)

CROP SCIENCE
PAPER - II (B-4)

Time : 2 Hours	2 Pages	Max. Marks : 40

1. (A) Fill in the blanks : 6

(a) _____ is the root parasite of Jowar.

(b) Sowing time of Oat is _____.

(c) Origin of Chilli is _____.

(d) Rajapuri is the variety of _____ crop.

(e) Potato is vegetatively propagated by means of _____.

(f) Oil percentage of Mustard varies from _____ to _____ p.c.

(B) Define : **(Any Two)** 2

(i) Calender of Operation

(ii) Seed

(iii) Monoculture

2. Write short note : **(Any Four)** 8

(a) Sonalika variety of Wheat

(b) Sun curing in Tobacco

(c) Bolting in Onion

(d) Characteristics of good fodder crop

(e) Cultivation of Berseem

(f) Harvesting of Chilli

3. Attempt **any four** of the following : 8

(a) Which things are necessary for cropping scheme ?

(b) What type of soil and climate is required for gram

(c) Which are the economic uses of Linseed ?

(d) Write in short cold storage of Potato ?

(e) Write maturity sign of Sugarcane ?

(f) Describe in brief topping and descuckering in Tobacco.

4. (A) Supply information about 'Sugarcane' crop on the following points : 4

(Any Two)

(i) Sets treatment

(ii) Important varieties (Any four)

(iii) Economic uses

(B) Supply information about 'Onion' crop on the following points : **(Any Two)** 4

(i) Ecology

(ii) Transplanting

(iii) Harvesting and yield

OR [For Q. 4(A) and (B)]

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

Name of Crop	**Botanical Name**	**Seed Rate (in kg./ha.**	**Duration (Days)**	**Yield (kg./ha.)**
Ginger				
Gram				
Safflower				
Mustard				

5. Supply detail information about irrigated 'Wheat' crop on the following points : 8

(Any Four)

(a) Soil and Climate

(b) Seed Treatment

(c) Varieties any four

(d) Time of Sowing and depth of sowing

(e) Economic uses

(f) Harvesting and Yield