

3A

Total Pages—03

B.Sc./3rd Sem/AGS-301/23

2022

B. Sc. (Honours) in AGRICULTURE

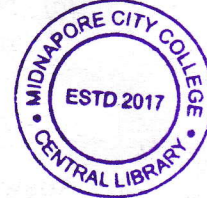
3rd Semester Examination

Crop Production Technology - I (Kharif Crops)

PAPER — AGS-301

Full Marks : 50

Time : 2 hours



The figures in the right-hand margin indicate marks.

*Candidates are required to give their answers
in their own words as far as practicable.*

Illustrate the answers wherever necessary.

Answer from **all** the Groups as directed.

GROUP—A

1. Answer **any five** questions : 2×5=10
- ✓(a) Write the difference between cereals and pulses.
- ✓(b) Why is maize considered as 'Queen of Cereals'?

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(Turn Over)



(2)

- (c) What do you mean by Kharif Crop?
- (d) What are the differences between cereals and millets?
- (e) What is green manure? Give example.
- (f) Briefly discuss the major constraints of pulse production in India.
- (g) What do you mean by topping?
- (h) Name two crash crops with their scientific names.

GROUP—B

2. Answer *any four* questions :

- (a) Briefly discuss the merits and demerits of ratooning in sugarcane. $2\frac{1}{2}+2\frac{1}{2}=5$
- (b) Write a short note on center of origin of crop plants. 5
- (c) Classify the crop plants according to their uses. 5
- (d) Write short notes on (i) Pegging of groundnut and (ii) Aflatoxin of groundnut. $2\frac{1}{2}+2\frac{1}{2}=5$
- (e) Briefly write about retting process of jute. 5
- (f) Define silage and write the making process of silage. $2+3=5$

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(Continued)

(3)
GROUP—C

3. Answer *any two* questions :

- (a) Write down the cultural management practices of rice. 10
- (b) Describe the morphological characters of maize. 10
- (c) What are the types of jute? Write down the management practices of sunflower. $2+8=10$
- (d) State the geographical distribution of crop plants with their origin. 10

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