

2023

AGS 4th Semester Examination

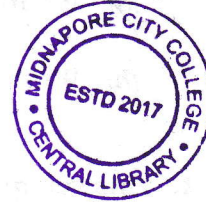
B.Sc. Hons. in Agriculture

Crop Production Technology II (Rabi Crops)

PAPER — 401

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 **all** questions.

1. Answer **any five** questions from the following :
2×5=10

(a) Why is wheat considered as 'King of Cereals'?

(b) Write down the importance of barley production in India.

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(Turn Over)

(2)

- (c) Write down the uses of Sorghum.
- (d) What do you mean by ratooning?
- (e) Briefly describe solanine.
- (f) What are the oil percentages of rapeseed-mustard, safflower and sunflower?
- (g) What do you mean by nipping?
- (h) Write down the pea classification.



2. Answer any **four** questions from the following :
5×4=20

- (a) Briefly discuss the types of sugarcane grown in India with their special characteristics.
- (b) What are the soil and climate requirements for potato cultivation?
- (c) Write down the importance of sugarcane production in India.
- (d) Write a short note on water management in wheat production.

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(Continued)

(3)

- (e) Briefly write about the fertilizer application of lentil.
- (f) What are the uses of safflower?



3. Answer any **two** questions from the following :
10×2=20

- (a) Write down the cultural management practices for wheat. 10
- (b) Write down different types of tobacco. What are the management practices of rapeseed-mustard? 4+6=10
- (c) What do you mean by potato tuberization? Write down the management practices for Rajmah. 2+8=10
- (d) What do you mean by topping? Write down the importance of lucerne in livestock production. Write the origin of wheat, chickpea, safflower, sugarcane and sugar beet. 2+3+5=10

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