

2023

AGS 3rd Semester Examination

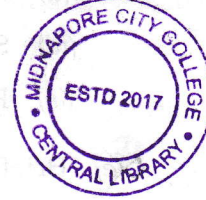
B.Sc. Hons. in Agriculture

**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 from the following :
2×5=10

(a) Describe the importance of rice cultivation
in agriculture.

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(Turn Over)

(2)

- (b) Why is maize called as 'miracle crop'?
- (c) Write the differences between cereals and millets.
- (d) Mention the protein percentages of the following crops :
- (i) Rice
 - (ii) Jowar
 - (iii) Soybean
 - (iv) Pigeon pea
- (e) Briefly describe pegging in groundnut.
- (f) Briefly discuss the major constraints of pulse production in India.
- (h) What do you mean by interculture operations?
- (h) What is 'rice nursery'?

GROUP—B

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

(a) Briefly discuss the merits and demerits of ratooning in sugarcane. 3+2=5

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(Continued)



(3)

- (a) What are the soil and climatic requirements of pigeon pea? 3+2=5
- (c) Write a short note on green manuring.
- (d) Briefly describe the 'poor man's meat' and its importance in agricultural production system. 5
- (e) Write a short note on weeds of Kharif season. 5
- (f) What are fibre crops? State the cultivation process of a fibre crop. 2+3=5

GROUP—C

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

- (a) Write down the cultural management practices on transplanted rice. 10
- (b) What are the management practices of green-gram? What are the principles of SRP? 6+4=10
- (c) What are the types of cotton? Write down the management practices of groundnut. 2+8=10

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(Turn Over)

(4)

✓ Write down the importance of cowpea in dryland agriculture. Discuss about the origin and distribution of different Kharif crops.

2+8=10

