

2022

B. Sc. (Honours) in AGRICULTURE

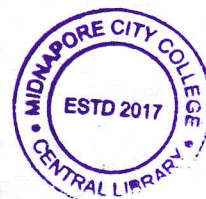
3rd Semester Examination

**Production Technology of Vegetable and
Spice Crops**

PAPER — AGS-306

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) What are the chromosome numbers of
tomato, brinjal, melons and pointed gourd?

/113

24

24

10

28

(Turn Over)

(2)

- (h) Mention any two dioecious vegetable crops.
- (e) What is the ideal temperature of colour development and fruit set in tomato?
- (d) What is the definition of olericulture?
- (e) How much quantity of the tuber and leafy vegetables is recommended by ICMR?
- (f) What is the full form of IIVR? State its location.
- (g) Write the scientific name of vitamin C and vitamin A enriched vegetable.
- (h) What are the hybrid seed rates of chilli and cabbage?
- (i) What is parthenocarpy?

GROUP—B

2. Answer any four questions : 5×4=20

- (a) What is the difference between determinate tomato and indeterminate tomato?
- (b) What is kitchen garden?
- (c) What are the importances of temperature, irrigation and variety of tomato?
- (d) What are the scientific names, origin and chromosome numbers of pumpkin, capsicum and carrot?

/113

(Continued)

(3)

- (e) What are the important varieties of cauliflower, pumpkin and capsicum?
- (f) What are the important factors of potato cultivation?

GROUP—C

3. Answer any two questions : 10×2=20

- (a) What are the importances of vegetables and spice in national economy?
- (b) Describe in detail the cultivation practices of potato.
- (c) Describe in detail the cultivation practices of french bean.
- (d) Describe in detail the cultivation practices of melons.

★ ★ ★