

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 09

BRDM (2014 & Onwards) (Sem.-4)

AGRICULTURE-I (CROP PRODUCTION)

Subject Code : BBA-424

Paper ID : [72777]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B consists of FOUR Sub-sections : Units-I, II, III & IV.
3. Each Sub-section contains TWO questions each, carrying TEN marks each.
4. Student has to attempt any ONE question from each Sub-section.

SECTION-A

1. Answer briefly :

A Define HYV.

B Enlist implements used for intercultural operations.

C Biological control of weeds.

D Broadcasting.

E Budding.

F Fertigation.

G Phytohormes.

H Pasteurization of milk.

I Management information system.

J Rogue

SECTION-B

UNIT-I

2. Define biotechnology and discuss the impact of application of biotechnology on the yield and quality of cereal crops.
3. Discuss the significance of tillage in crop production and explain the functions of seed cum fertilizer drill.

UNIT-II

4. Give the seed rate, spacing, fertilizer & water requirement and yield of rice and mustard.
5. Enlist the important weeds of maize and discuss the chemical control of these weeds.

UNIT-III

6. Describe the cultivation techniques of potato.
7. Give the sowing time, seed rate, spacing, fertilizer requirement and yield of brinjal and papaya.

UNIT-IV

8. Discuss the status and problems of food storage in India.
9. Discuss the principles of food preservation and explain the methods of preservation of fruits.