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Total No. of Pages : 02

Total No. of Questions : 09

**B.Sc.Agriculture (2014 & Onwards) (Sem.-6)**  
**BREEDING OF FIELD & HORTICULTURAL CROPS**

Subject Code : BSAG-604

M.Code : 74347

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 contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

**SECTION-A****Q1. Write short notes on :**

- (a) Centre of origin
- (b) Self Pollinated crops
- (c) Asexual Reproduction
- (d) Inbreeding
- (e) Male fertility
- (f) IPR
- (g) Often Cross pollination
- (h) Inbred line
- (i) Single Cross Hybrids
- (j) Dominance effects





**SECTION-B**

- Q2. Describe the origin & distribution of Wheat.
- Q3. Write the origin & distribution of onion.
- Q4. Describe the Origin & Distribution of Gladiolus.
- Q5. Describe the Origin & Distribution of Guava.
- Q6. Describe the Hardy-Weinberg Law.

**SECTION-C**

- Q7. Describe the Ideotype concept in crop improvement.
- Q8. Describe the Genotype/Environment Interaction & its significance in Crop Improvement.
- Q9. Describe the Breeding methods for resistance to biotic Stresses.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**

