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B.Sc.Agriculture (2014 & Onwards) (Sem.-6)
BREEDING OF FIELD & HORTICULTURAL CROPS
Subject Code : BSAG-604
M.Code : 74347

Max. Marks : 60

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.**

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.