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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc.(Agriculture) (2014 & Onwards) (Sem.-5) INTRODUCTION OF PLANT BREEDING Subject Code : BSAG-507 M.Code: 74171

Time: 3 Hrs.

Max. Marks: 60

INSTRUCTIONS TO CANDIDATES :

- SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks 1. each.
- 2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
- SECTION-C contains THREE questions carrying TEN marks each and students 3. have to attempt any TWO questions.

SECTION-A

- 1. Write short notes on :
 - (a) Sigma
 - (b) Self Pollination
- www.FirstRanker.com (c) Asexual Reproduction
 - (d) Inbreeding
 - (e) Male fertility
 - (f) Apomixis
 - (g) Often Cross pollination
 - (h) Hybrid Vigour
 - (i) Single Cross Hybrids
 - (j) Polyploidy



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SECTION-B

- 2. Describe the procedure for Crosssing in Pulses.
- 3. Write the objectives of cereal Breeding.
- 4. Describe Johannsens Pure line theory.
- 5. Describe the procedure for the development of Double cross hybrids.
- 6. Describe the Recurrent Selection.

SECTION-C

- 7. Describe the Pedigree Method of Breeding.
- 8. Describe the procedure for Population Improvement.
- 9. Describe the Mutation Breeding & its role in Plant Breeding.

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.