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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc.(Agriculture) (2014 & Onwards) (Sem.-3)

INTRODUCTION TO GENETICS

Subject Code : BSAG-304

M.Code : 72554

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

1. Define or briefly describe the following :

- (a) Mitosis
- (b) Meiosis
- (c) Penetrance
- (d) Genetics
- (e) DNA
- (f) Karyotype
- (g) Linkage
- (h) Evolution
- (i) Pleiotropism
- (j) Idiogram





SECTION-B

2. Describe the translation.
3. Write the Mandel's Laws of inheritance.
4. Describe Cytoplasmic Inheritance.
5. Describe the procedure for inducing mutations.
6. Describe Quantitative traits.

SECTION-C

7. Describe the Evolution of wheat.
8. Describe Evolution of Triticale.
9. Describe the Protein Synthesis.

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.

