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Total No. of Questions: 09

B.Sc. Agriculture (2014 & Onwards) PRINCIPLES OF SEED TECHNOLOGY

Subject Code: BSAG-406 Paper ID: [72758]

Max. Marks: 60 Time: 3 Hrs.

INSTRUCTIONS TO CANDIDATES:

- SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
- 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 have to attempt any TWO questions.

SECTION-A

MANN FIRSTRAINKER COM Q1. Define the following:

- a) Seed
- b) Seed treatment
- c) Seed testing lab
- d) Hybrid
- e) Seed act
- f) Breeder seed
- g) Patenting
- h) Genetic purity
- i) Field inspection
- j) Tetrazolium test



SECTION-B

- Q2. Define Seed certification. Write down the procedure for certified seed production by a farmer.
- Q3. Explain general principles for good storage of seed.
- Q4. Discuss factors effecting seed longevity during storage.
- Q5. Describe duties and powers of seed inspectors.
- Q6. Discuss the factors affecting seed marketing.

SECTION-C

- Q7 a) Discuss importance and types of seed treatment.
 - b) Discuss seed testing procedures for quality assessment of seed.
- Q8. Write down about the mandates for the establishment of seed processing plant and seed testing laboratory.
- Q9. Write in detail about central seed committee, central seed certification board, state seed certification agency, national seed corporation, and state seed testing laboratories.

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