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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. Agriculture (2014 & Onwards) (Sem.-4)

PRINCIPLES OF SEED TECHNOLOGY

Subject Code : BSAG-406

M.Code : 72758

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) Seed variety approval committee
- b) High yielding varieties
- c) Isolation distance
- d) Seed inoculation
- e) Principles of seed technology
- f) Central seed certification board
- g) Hybrid seed
- h) Seed packing
- i) Nuclear seed
- j) Plant breeder's rights



SECTION-B

- Q2. How genetic purity can be maintained during seed production?
- Q3. How seed varieties are deteriorated? Give example.
- Q4. Write as short note on factors affecting seed marketing.
- Q5. Briefly discuss conditions required for good storage of seed.
- Q6. Write a short note on seed production.

SECTION-C

- Q7. Define seed certification. Write down various phases procedure for seed certification.
- Q8. Discuss the procedure of field inspection and field counts.
- Q9. How can you establish a seed processing plant?

NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC case against the Student.