

**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 :**

- Seed variety approval committee
- High yielding varieties
- Isolation distance
- Seed inoculation
- Principles of seed technology
- Central seed certification board
- Hybrid seed
- Seed packing
- Nuclear seed
- 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.**