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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

M Code: 72758

Subject Code: BSAG-406

Paper ID: [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

1. Define/Explain the following in 2-3 lines each:

- a) Patenting
- b) Quarantine
- c) Potato seed
- d) Seed longevity
- e) Seed storage
- f) Breeder seed
- g) Varieties
- h) Seed certification
- i) Seed inoculation
- j) Seed treatment

SECTION B

Attempt in 6-8 lines each:

2. Discuss food preservation and storage.
3. Precautions to be taken for orchid establishment.
4. How we can propagate the fruit plants with use of phytohormones?
5. Discuss types of seed treatments.
6. Discuss Plant breeder Rights.

SECTION C

7. Discuss varietal identification through grow-out technique and electrophoresis.
8. Discuss seed testing procedure for quality assessment.
9. Discuss measures for pest, disease and temperature control in seed storage process.