

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. Agriculture (2014 & Onwards) (Sem.-6)

**PROTECTED CULTIVATION AND
POST-HARVEST TECHNOLOGY**

Subject Code : BSAG-607

M.Code : 74350

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. Write short notes on :**

- a) Fogging
- b) Training and pruning of capsicum
- c) Evapo-transpiration
- d) Thin layer drying
- e) CAP storage
- f) Ball mill
- g) Orientation of greenhouse
- h) Tunnel type greenhouse
- i) Fruit cleaning machine
- j) Nutrient film technique (NFT)

SECTION-B

2. Discuss the working of maize sheller.
3. How the deep bed drying takes place in grain silos? Discuss.
4. Explain the working of hammer mill.
5. Write a note on 'Naturally ventilated green house'.
6. Discuss the role of light and temperature on the growth of vegetables in green house and how they are managed in such structure.

SECTION-C

7. What is protected cultivation? Discuss the present status of protected cultivation and problem associated with Indian context.
8. What is the principle of evaporation systems? Discuss the various evaporation systems.
9. Define fertigation. How is it beneficial to plants? What is the composition of solution used for fertigation? Discuss with examples.

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.