

**KERALA AGRICULTURAL UNIVERSITY**  
**B.Sc. (Hons.) Agriculture – 2007 Admission – IV<sup>th</sup> Semester**  
**• Final Examination - July/August 2009**

Cat.No. : Hort 2204  
Course : Vegetable Crops (2+1)

Max. marks: 80  
Time : 3 hours

Answer any TEN questions only:

(10x1=10)

I

PART-A

- A1. Define blossom end rot in tomato
- A2. Define photo periodism
- A3. Define blanching in Cauliflower
- A4. Bolting during storage seen in .....
- A5. Vegetable suitable for green house is .....
- A6. Scientific name of bellary onion .....
- A7. IHR - Expand
- A8. IIVR - Expand
- A9. AVRDC - Expand
- A10. Bacterial wilt resistant brinjal variety from KAU
- A11. Chemicals used to arrest sprouting in Potato during storage.
- A12. TLCV and TSWV in tomato. - *Explain*

PART-B

(10x3=30)

Write short notes for TEN questions:

- B1. Special system of vegetable cultivation in Kerala
- B2. Vegetable forcing structures
- B3. Varieties in ashgourd released from KAU
- B4. Role of micronutrients in vegetable culture
- B5. Explain the use of anti-transpirants in vegetable production
- B6 Varieties in amaranthus released from KAU
- B7. Grading techniques in vegetables
- B8. Briefly explain on marketing of vegetables
- B9 Varieties in Pumpkin released from KAU
- B10 Organic farming in vegetable production
- B11 Varieties in brinjal released from KAU
- B12 Problems in tomato cultivation

II

PART-C

(6x5=30)

Write short essays for SIX questions:

- C1. Discuss the use of growth regulators in Cucurbitaceous vegetables
- C2. Explain the special techniques of vegetable production in nontraditional areas
- C3. Explain the package of practices for watermelon
- C4. Explain the botanical classification of vegetables
- C5. Explain the agronomic package of practices for brinjal
- C6. Discuss the scope of export <sup>and</sup> special needs of vegetables for export.
- C7. Discuss on storage aspects for Potato, Onion and garlic

III

PART-D

(1x10=10)

Write essay on any ONE

- D1 Explain on low and high cost protected systems of vegetable cultivation.
- D2 Explain on irrigation and nutrient application systems in vegetable cultivation

IV

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