

KERALA AGRICULTURAL UNIVERSITY

B.Sc.Hons (Ag) Degree Programme 2014 Admission

IVth Semester Final examination – August- 2016

Cat. No: Hort. 2204

Title: Vegetable crops (2+1)

Marks: 50.00

Time: 2 hours

I Fill in the blanks

(10 x 1=10)

1. Vegetables suitable for green house production are _____ and _____.
- ✓ India is the world's second largest producer of vegetables next only to _____.
3. In floating garden _____ grass is used for making the floating base.
4. The most ideal temperature for tomato cultivation is _____.
- ✓ 5. Sprouting during storage is seen in vegetables like _____ and _____.
6. Recommended seed rate of True Potato Seed is _____, while potato seed tuber required is 15 tons per hectare.
- ✓ 7. Pungency in onion is due to _____.

Expand the following abbreviations:

8. IIVR ✓
- ✓ 9. AVRDC ✓
- ✓ 10. CPRI ✓

✓ I I H R

II Write short notes on any five questions

(5 x 2= 10)

1. Raising vegetable nursery. ✓
2. Sex modification in cucurbits. ✓
3. Antinutritional factors in Amaranth.
4. Industrial uses of tapioca. ✓
- ✓ 5. Organic cultivation of Amaranth.
6. Blossom End Rot in Tomato.
7. Maturity indices of cauliflower. ✓

III Write short Essays on any Five questions

(5 x 4=20)

1. Describe the processing characteristics of Tomato.
2. Narrate breeding achievements at KAU, in bacterial wilt resistance of solanaceous vegetables.
3. Explain seed production techniques in Cabbage. ✓
4. Narrate various physiological disorders in cauliflower. ✓
5. Mention the POP for bitter gourd and tomato cultivation.
- ✓ 6. Mention the important steps to be followed in seed production of snake gourd. ✓
- ✓ 7. Advantages and disadvantages of different methods of propagation in potato. ✓

IV Write essay on Any ONE

(1 x 10=10)

- ✓ 1. Discuss on the causes and control measures for reducing post harvest losses in vegetables.
- ✓ 2. Elaborate on the significance of vegetables in human nutrition and justify the need for a nutrition garden in your homestead.
